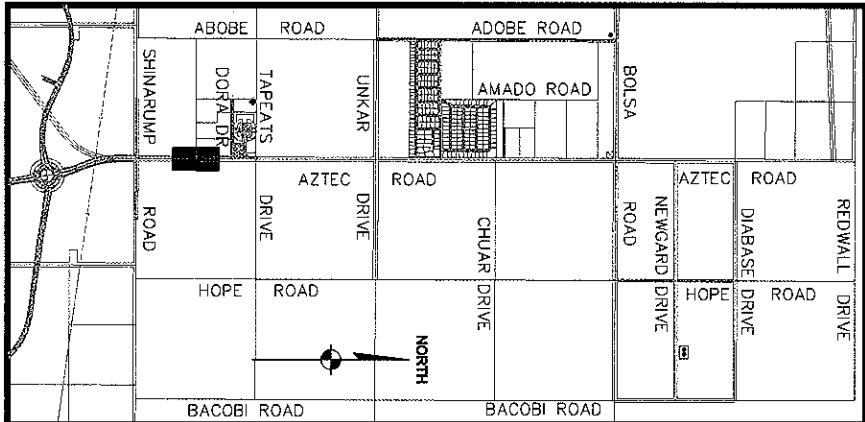


MOHAVE COUNTY

ST-RH035603

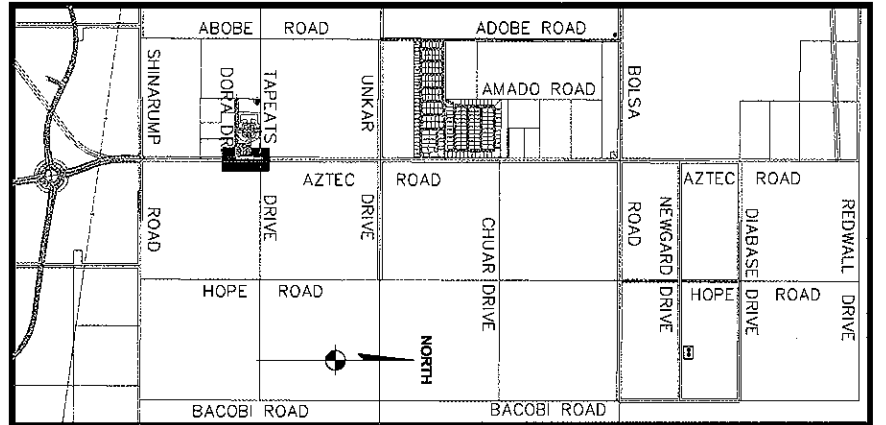
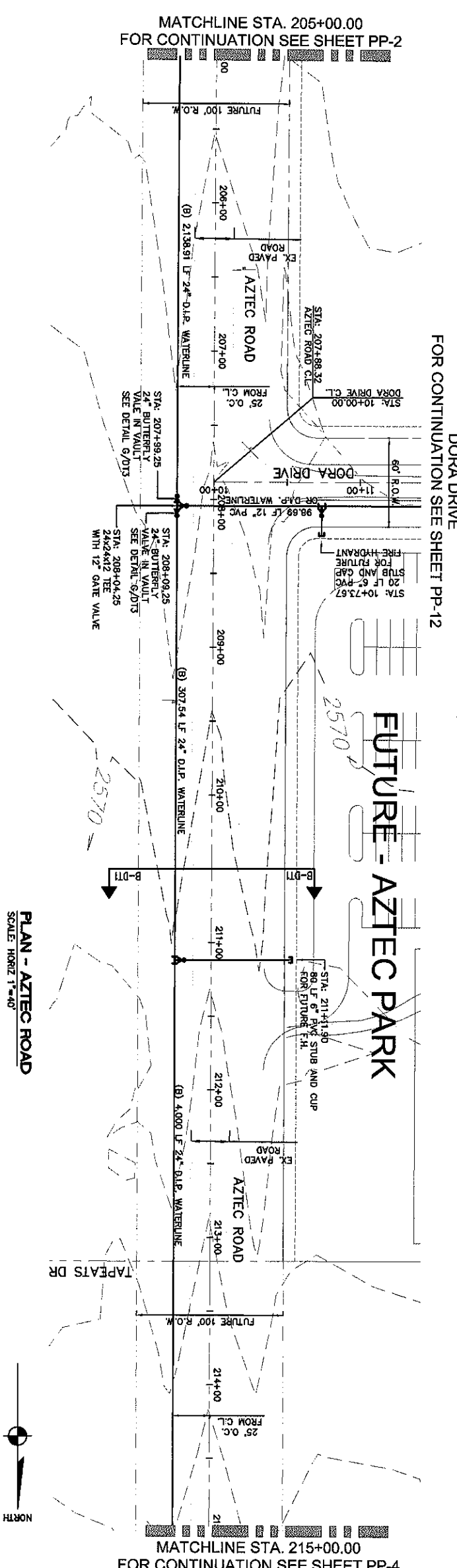
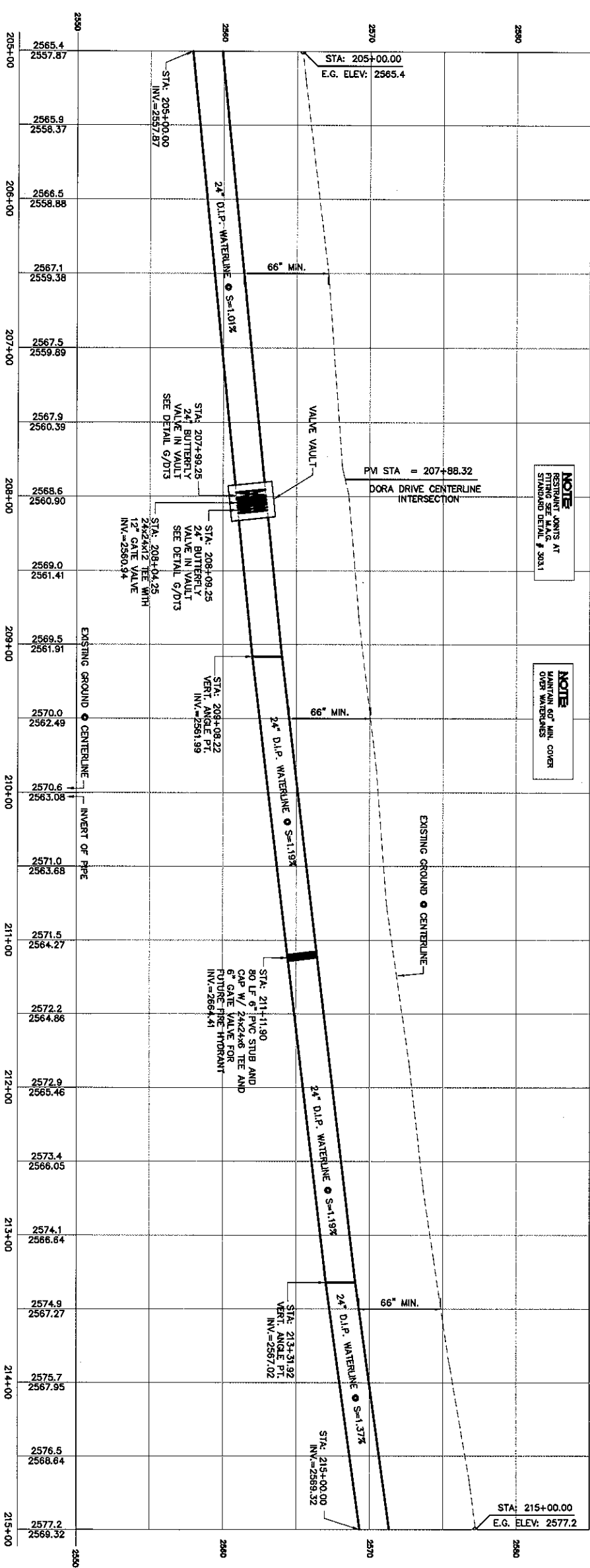


PRELIMINARY

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. THE ENGINEER HAS CONDUCTED A VISUAL SURVEY OF THE PROJECT AREA TO DETERMINE THE EXISTING LOCATION OF UTILITIES. THE ENGINEER HAS NOT CONDUCTED A TRENCHING OR EXCAVATION TO VERIFY THE LOCATION OF UTILITIES. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
Call before you dig
1-800-487-3333
Call before you dig
1-800-487-3333
Call before you dig
1-800-487-3333

BASE OF BEARING
NORTH 007°27'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, DUE & SALT RIVER, MARICOPA COUNTY, ARIZONA. THE BEARING AND DISTANCE OF THE INTERSECTION POINT, UTILITIES, FAST STATIC OBSERVATIONS PROCESSED BY NGS-PPUS.
M.C.S.A. "90 32" - LATITUDE 35°09'22.7034"N, LONGITUDE 111°09'21.9740"W (NAD 83) HEIGHT 2562.46391ft (NAD 83)
M.C.S.A. "90 36" - LATITUDE 35°09'22.4333"N, LONGITUDE 111°09'26.3639"W (NAD 83) HEIGHT 2466.5624ft (NAD 83)
SEC COR 25/23/24/27 - LATITUDE 35°09'25.19764"N, LONGITUDE 111°09'28.03545"W (NAD 83) HEIGHT 2504.6533ft (NAD 83)

BENCHMARK
BENCHMARK # 427 5" M.C.S.A. ELEVATION - 2562.04ft (NAD 83)
DESCRIPTION: 1.1/2" ALUMINUM CAP IN CONCRETE SLAB MONUMENT, 1898, T.S. 10345'
CORNER OF AZTEC ROAD & BOLSA DRIVE.
NOTE
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



NOT FOR CONSTRUCTION
PRELIMINARY

PHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH	Stanley Consultants INC. 5820 S. Eastern Avenue, Suite 200 Las Vegas, Nevada 89119 (702) 369-9396 Fax (702) 369-9793 www.stanleygroup.com	SCALE (H) 1"=40'	DATE 11/22/05	DRAWN BY EMG	CHECKED BY DLA	APPROVED BY
		SCALE (V) 1"=4'				
OFFSITE WATER TRANSMISSION LINE - AZTEC RD. PLAN AND PROFILE - STA. 205+00.00 - 215+00.00		MOHAVE COUNTY ARIZONA				

ST-RH035605

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. THE ENGINEER HAS NOT CONDUCTED A FIELD SURVEY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE BY THE ENGINEER AS TO THE ACCURACY OF THE UTILITIES SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Read utility underground utility time by each
Call before you dig
1-800-277-2600
Arizona Department of Transportation
Arizona Statewide System

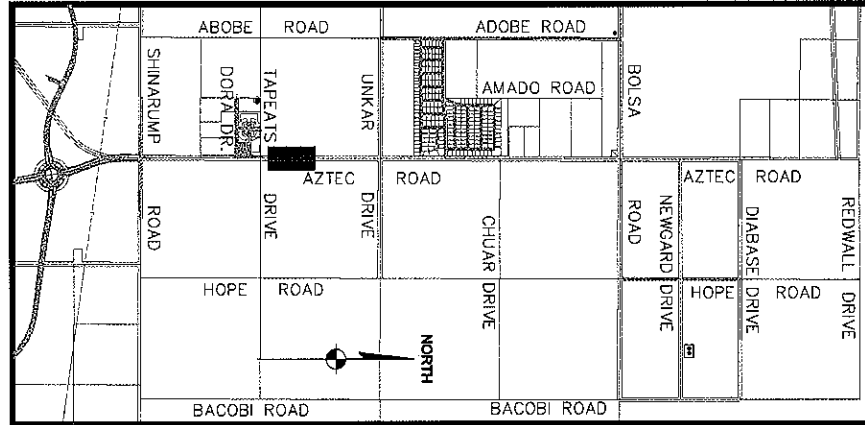
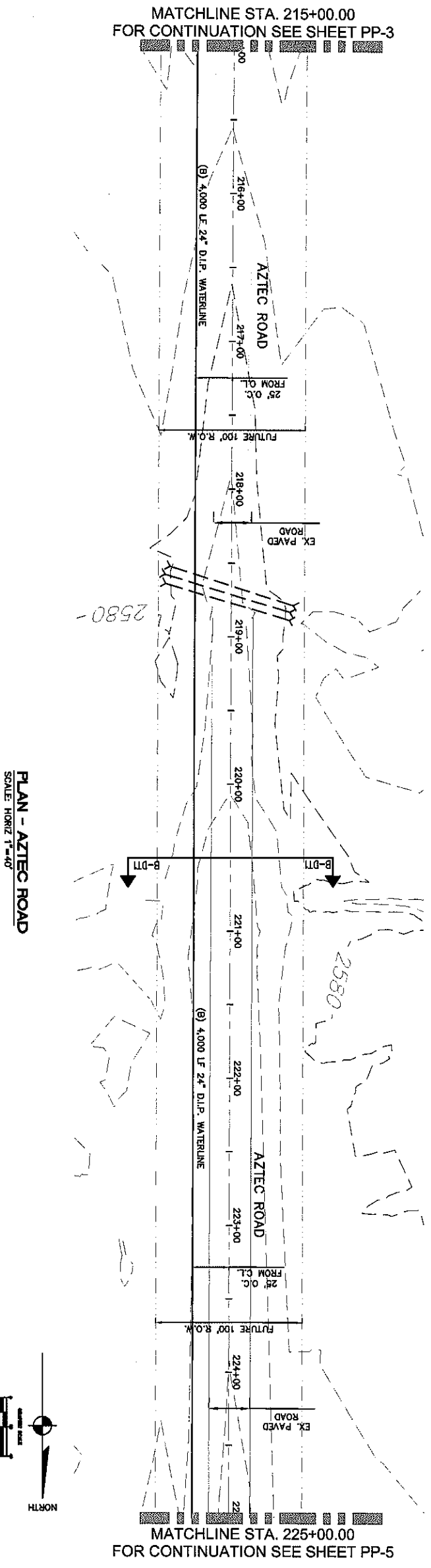
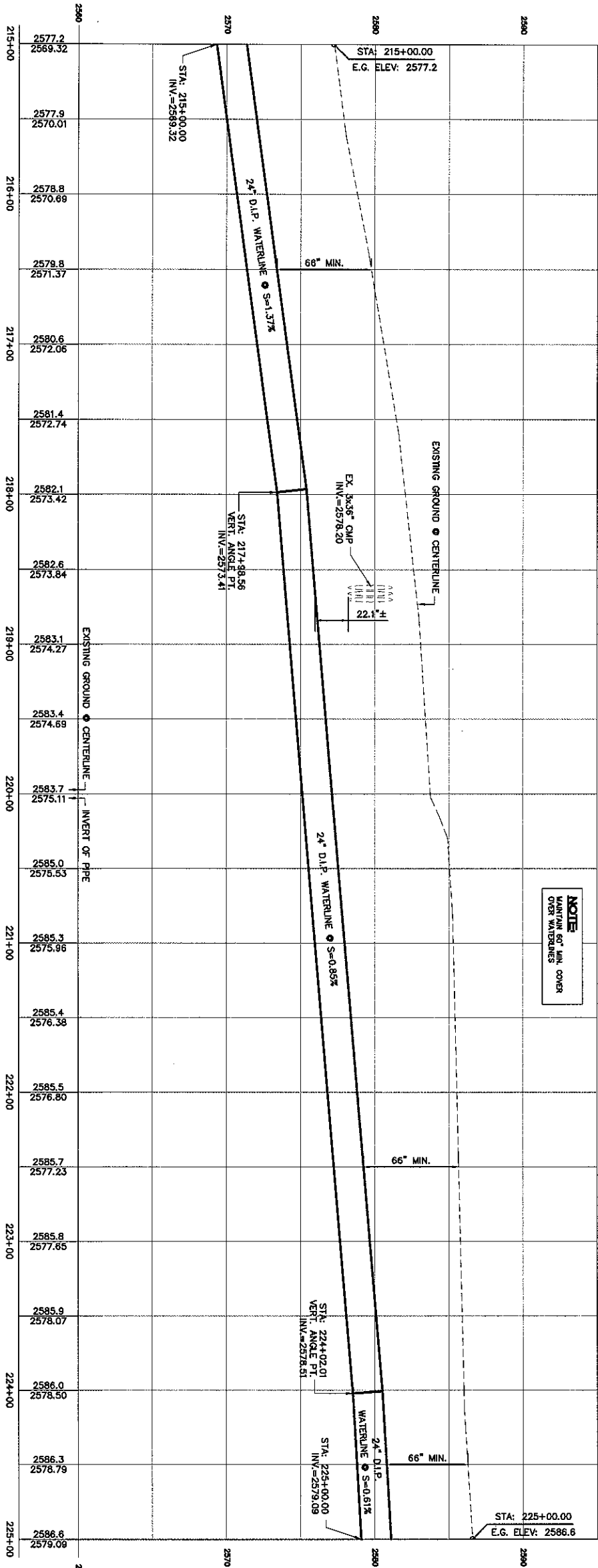
Read project owner's utility time by each
Call before you dig
1-800-277-2600
Overhead
1-800-277-2600
Arizona Department of Transportation
Arizona Statewide System

BASE OF BEARINGS
NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, S. 1 & 2, ARIZONA COORDINATE SYSTEM OF 1983 (425-100 WEST ZONE, BY NAD-83).
M.G.S.A. "S" 32" - LATITUDE 35°09'22.7033"N, LONGITUDE 114°07'31.7240"W (NAD 83)
M.G.S.A. "S" 35" - LATITUDE 35°09'22.4302"N, LONGITUDE 114°07'31.7240"W (NAD 83)
SEC COR 26.26/24/27 = LATITUDE 35°09'22.4302"N, LONGITUDE 114°07'31.7240"W (NAD 83)
HEIGHT 2208.6333M (NAD 83)

BENCHMARKS
BENCHMARK # 1 AZT 5" M.G.S.A. ELEVATION= 2662.04M (NAD 83)
DESCRIPTION: 1.1/2" ALUMINUM CAP IN CONCRETE STUMP NEARLY 1800 TBS 10345"
CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

PROFILE - AZTEC ROAD
SCALE: HORIZ 1"=40'
VERT 1"=4'



NOT FOR CONSTRUCTION
PRELIMINARY

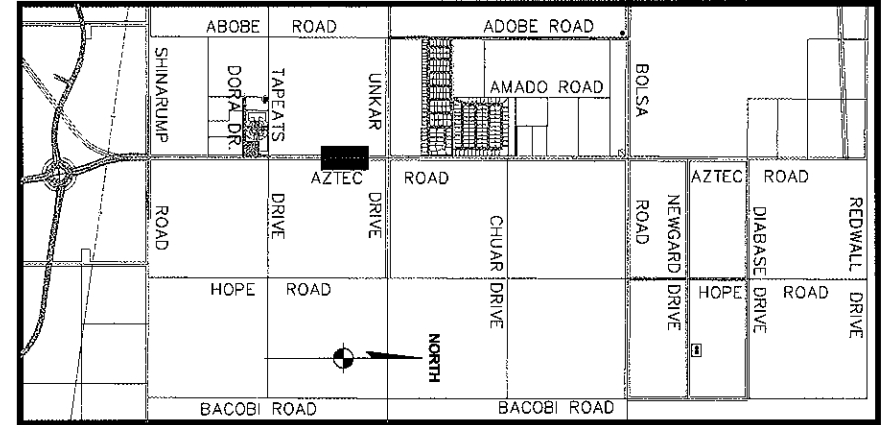
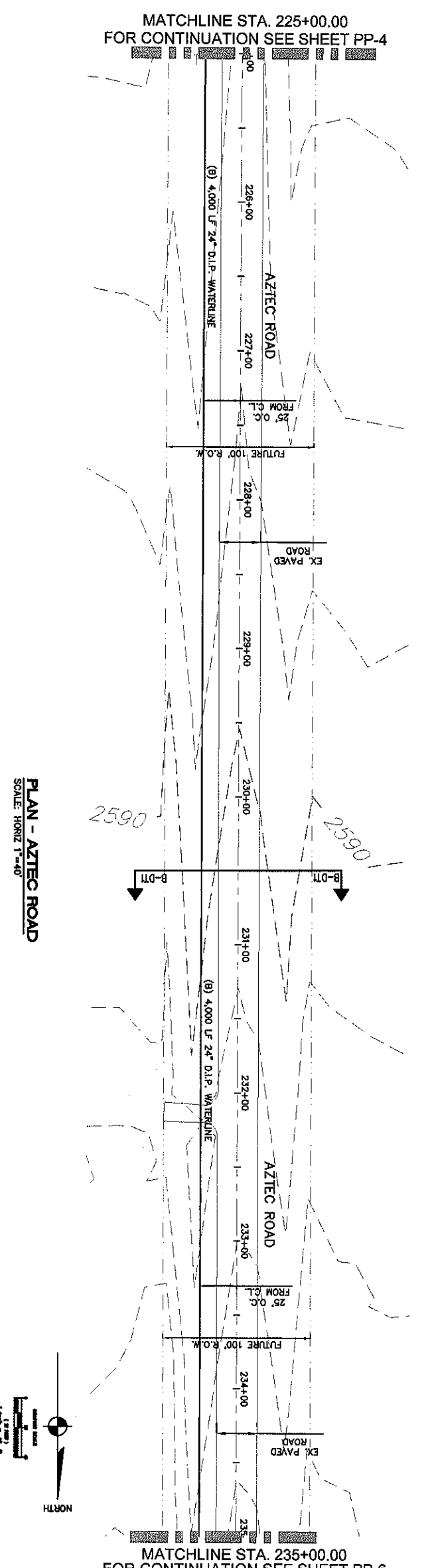
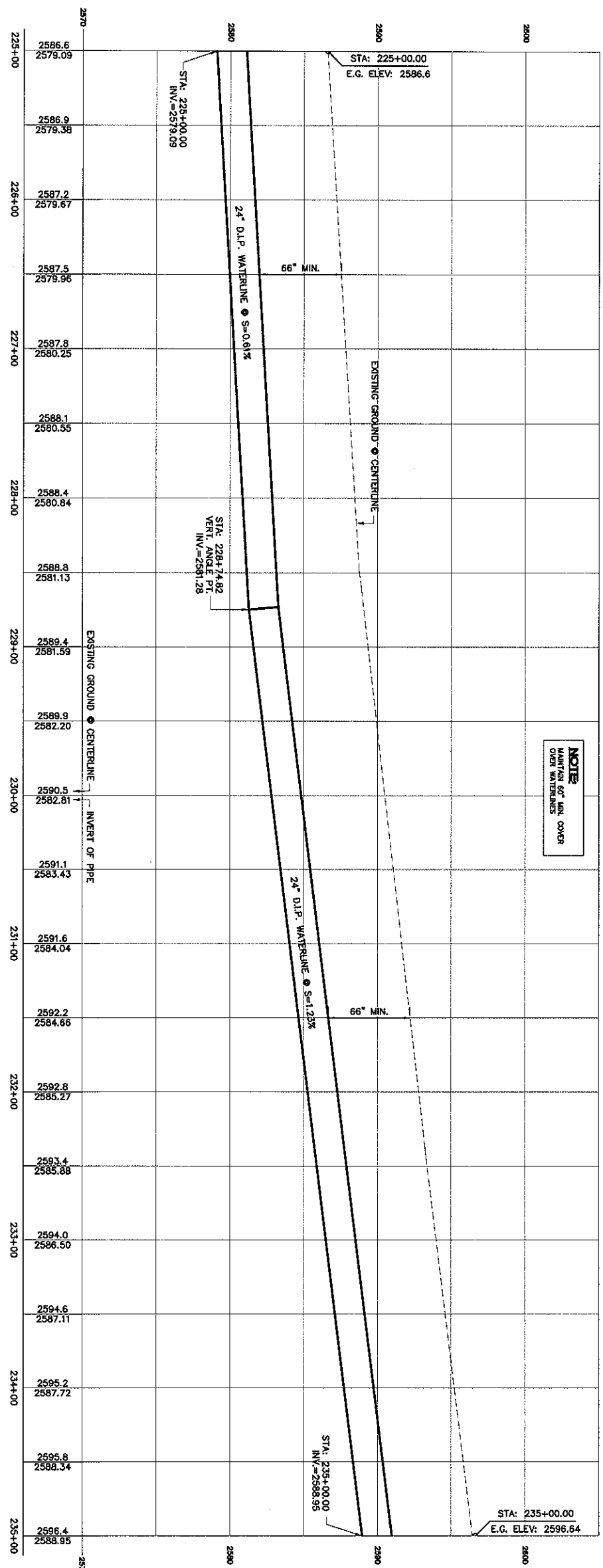
STANLEY CONSULTANTS INC. 5820 S. Eastern Avenue, Suite 200 Las Vegas, Nevada 89119 (702) 369-9396 Fax (702) 369-9793 www.stanleygroup.com	SCALE (H) 1"=40' SCALE (V) 1"=4' DRAWN BY EMG CHECKED BY DLA DATE 11/22/05	RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH OFFSITE WATER TRANSMISSION LINE - AZTEC RD. PLAN AND PROFILE - STA. 215+00.00 - 225+00.00 MOHAVE COUNTY ARIZONA	SHEET PP-4 6 OF 31 SHEETS 3/18/06/07/08

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE USER TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE BY ENGINEER HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
Add utility underground utility lines, if any, before you call
1-800-227-2600
Overhead
1-702-227-2629
Call before you dig
Arizona Department of Transportation
ADOT (800) 227-2600

BASE OF BEARINGS
NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVERS, MARICOPA COUNTY, ARIZONA, COORDINATE SYSTEM OF 1983 (NAD 83) AND WESTERN INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NIS-CRUS.
M.C.S.D. "50 32" - LATITUDE 35°09'22.7033"N, LONGITUDE 114°09'21.7740"W (NAD 83)
M.C.S.D. "50 35" - LATITUDE 35°09'22.4303"N, LONGITUDE 114°09'21.7740"W (NAD 83)
SEC COR 28/35/34/27 = LATITUDE 35°09'22.4303"N, LONGITUDE 114°09'21.7740"W (NAD 83)
HEIGHT 2586.6533M (NAD 83)

BENCHMARK
BENCHMARK # "AZT 5" M.C.S.D. ELEVATION= 2662.04M (NAD 83)
DESCRIPTION: 1.1/2" ALUMINUM CAP IN CONCRETE SLAB, NEAR CORNER OF AZTEC ROAD & BOLSA DRIVE.
NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY



STANLEY CONSULTANTS INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9386 Fax (702) 369-9793
www.stanleygroup.com

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY ENG
CHECKED BY DLA
DATE 11/22/05

PHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 225+00.00 - 235+00.00
MOHAVE COUNTY
ARIZONA

SHEET
PP-5
7 OF 31 SHEETS
SC PROJECT
18449/07/04

NOT FOR CONSTRUCTION
PRELIMINARY

ST-RH035607

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE USER TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE BY THE ENGINEER AS TO THE ACCURACY OF THE UTILITIES SHOWN HEREON. THE ENGINEER ASSUMES NO LIABILITY FOR DAMAGES OF ANY KIND, INCLUDING CONSEQUENTIAL DAMAGES, ARISING OUT OF OR FROM THE USE OF THE INFORMATION NOT SHOWN IN THEIR PROPER LOCATION.

Call before you dig
1-800-277-2669
www.callbeforeyoudig.com

BASE OF BEARING
NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 22, TOWNSHIP 21 NORTH, RANGE 18 WEST, CL & SALT ARIZONA COORDINATE SYSTEM OF 1983 (NAD83) - WEST ZONE, INTERSECTION, FOOT UTILIZING FAST STATE OBSERVATIONS PROCESSED BY NGS-OROS.

M.S.D. "S" 32' - LATITUDE 35°59'22.7034"N, LONGITUDE 114°09'21.5724"W (NAD 83)
HEIGHT 2562.46391R (NAD 83)

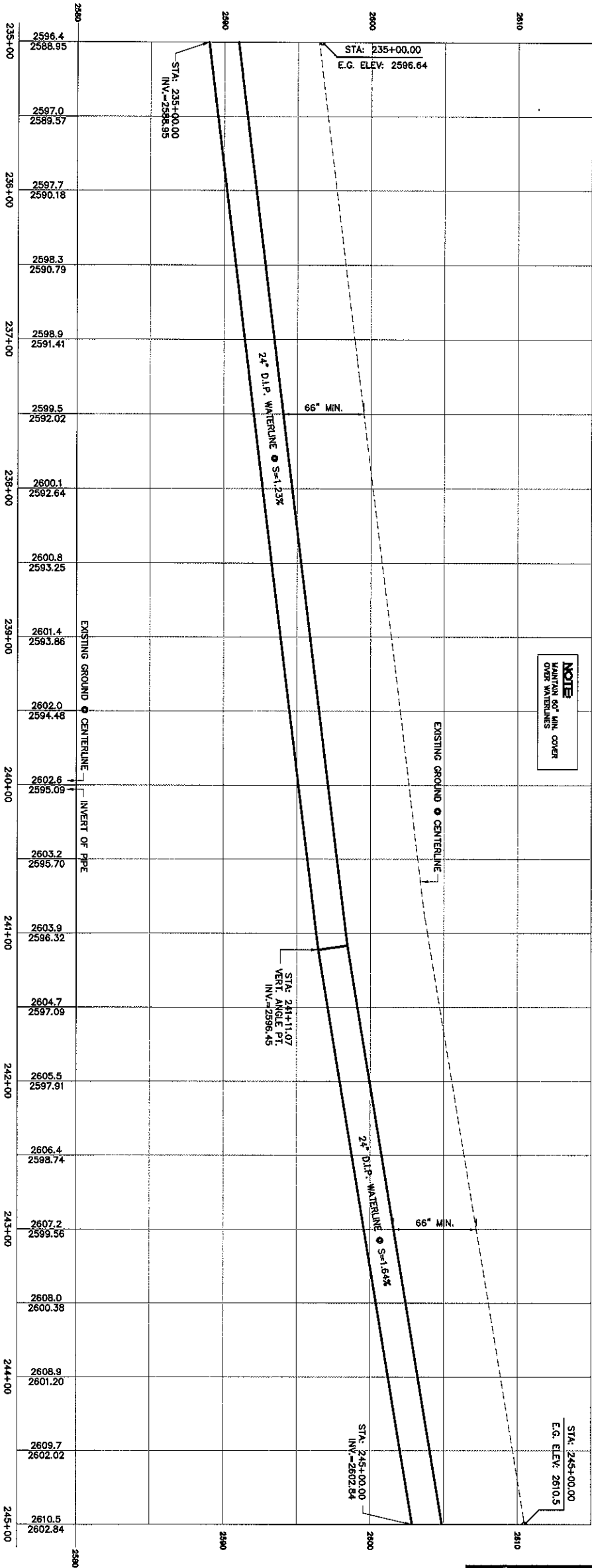
M.S.D. "S" 35' - LATITUDE 35°59'22.43037"N, LONGITUDE 114°09'21.5724"W (NAD 83)
HEIGHT 2468.26824R (NAD 83)

SEC COR 28/25/24/27 - LATITUDE 35°17'15.1576"N, LONGITUDE 114°09'21.5724"W (NAD 83)
HEIGHT 2505.65539R (NAD 83)

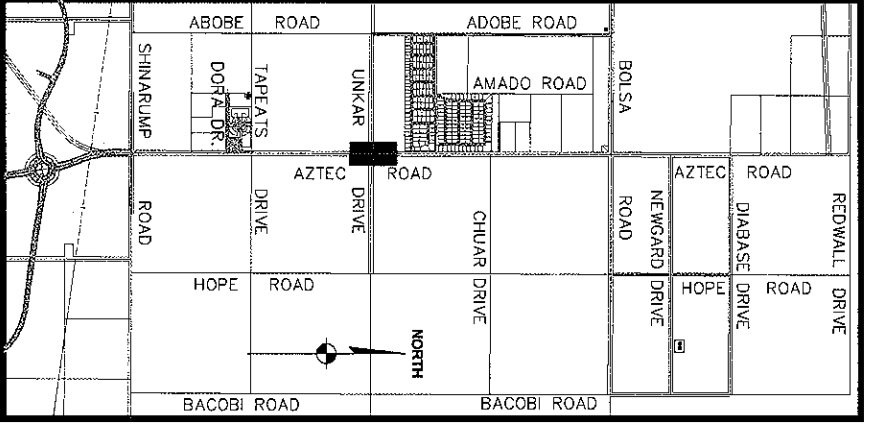
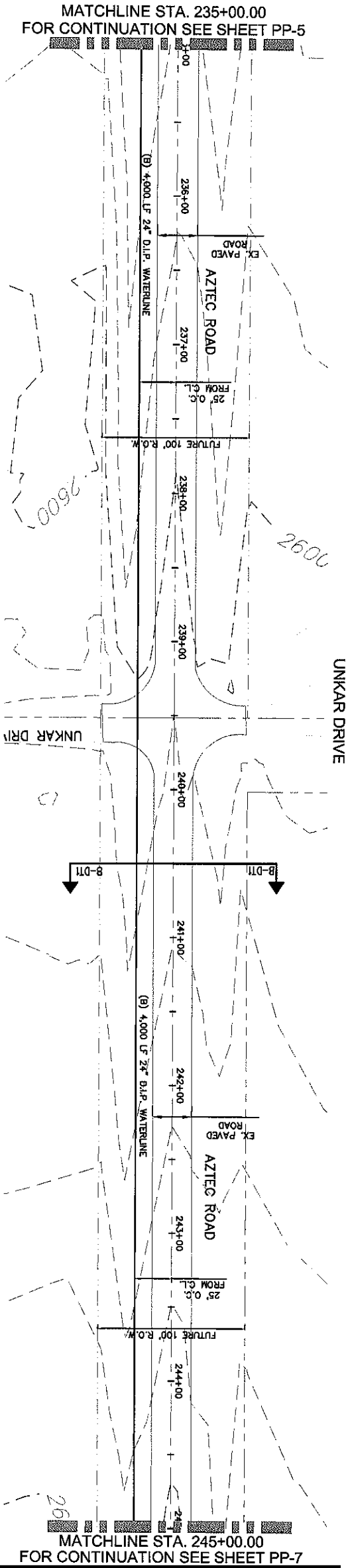
BENCHMARK
BENCHMARK # "A21" S.M.S.D. ELEVATION= 2562.014R (NAD 83)
DESCRIPTION: 1.1/2" ALUMINUM CAP IN CONCRETE STUMP, UPRIGHT CORNER OF AZTEC ROAD & BOLSA DRIVE.

PROFILE - AZTEC ROAD
SCALE: HORIZ 1"=40'
VERT 1"=4'

NOTE
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



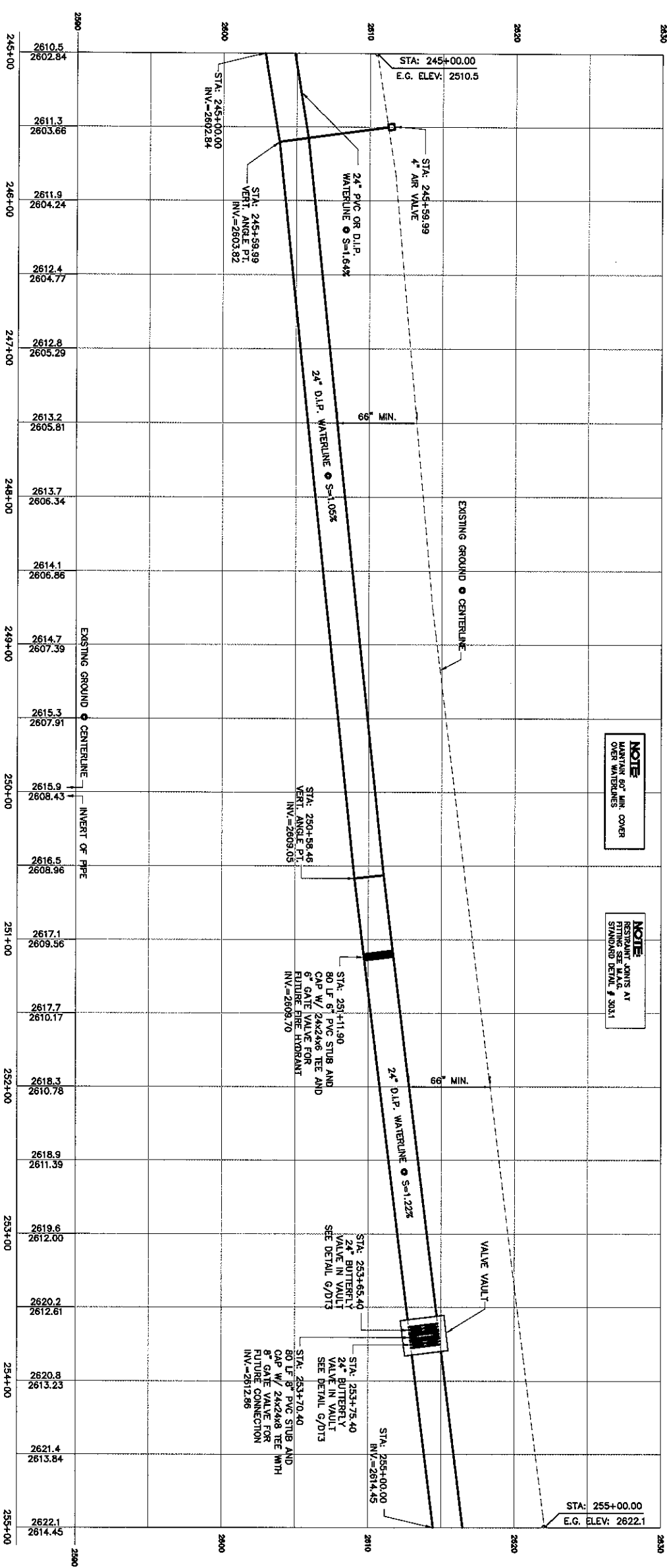
NOT FOR CONSTRUCTION
PRELIMINARY

DISCLAIMER NOTE
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Field notes reviewed and approved by the Engineer before you call before you dig.
1-800-277-2600 (toll-free)
1-702-277-2929 (local)
Call before you dig.
1-702-277-2929 (local)
Call before you dig.
1-702-277-2929 (local)

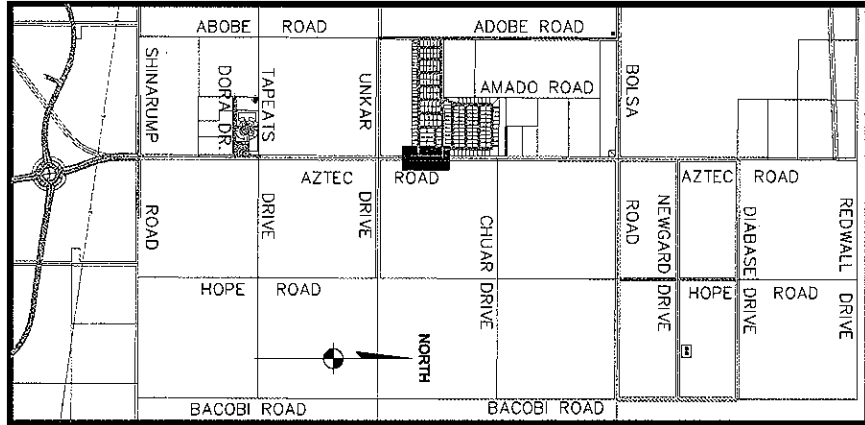
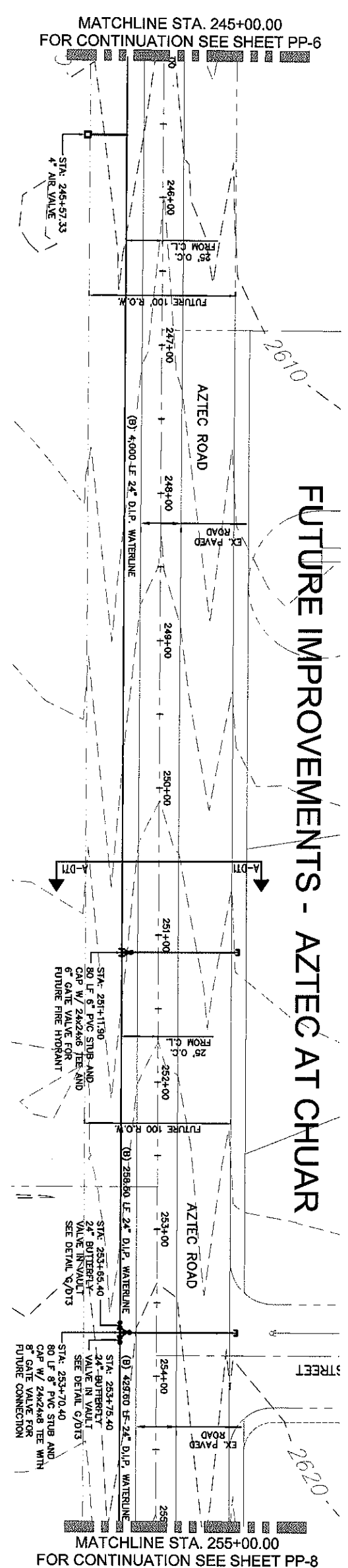
BASIS OF BEARINGS
NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, G1A & SALT RIVER, MARICOPA COUNTY, ARIZONA. COORDINATE SYSTEM OF 1983 (AZ-83) WEST ZONE BY NGS-OPUS.
M.C.S.D. "S" 32' = LATITUDE 35°09'22.7034"N, LONGITUDE 114°09'21.5724"W (NAD 83)
M.C.S.D. "S" 32' = LATITUDE 35°09'22.4332"N, LONGITUDE 114°09'21.5724"W (NAD 83)
M.C.S.D. "S" 32' = LATITUDE 35°09'22.4332"N, LONGITUDE 114°09'21.5724"W (NAD 83)
M.C.S.D. "S" 32' = LATITUDE 35°09'22.4332"N, LONGITUDE 114°09'21.5724"W (NAD 83)
SEC COR 25/25/27 = LATITUDE 35°09'22.4332"N, LONGITUDE 114°09'21.5724"W (NAD 83)
HEIGHT 2505.653381 (NAD 83)

BENCHMARK
BENCHMARK # 7421 S.M.C.S.D. ELEVATION= 2602.041 (NAD 83)
DESCRIPTION: 1.1/2" ALUMINUM CAP IN CONCRETE STAMP MARKING CONCRETE CURB, 10' LONG, LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.
NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION
PRELIMINARY



PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'



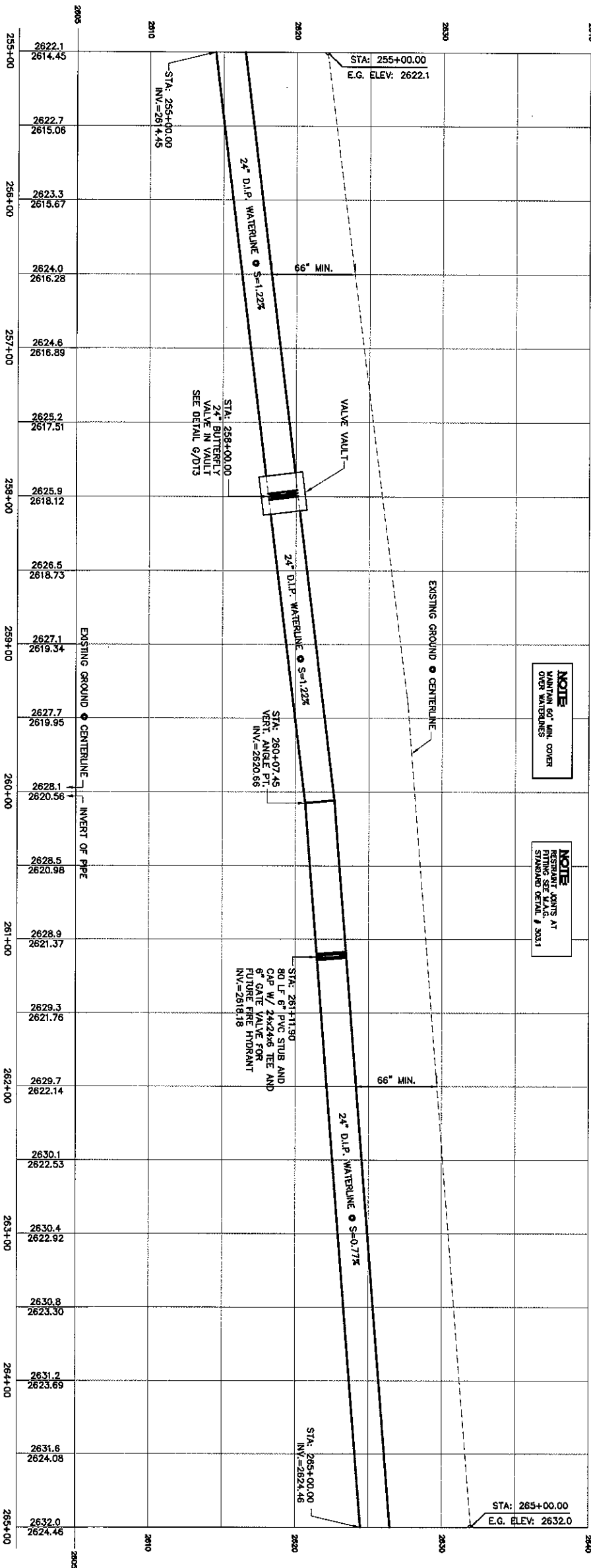
SHEET PP-7 9 OF 31 SHEETS SHEET PROJECT 18449.07.04	RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH OFFSITE WATER TRANSMISSION LINE - AZTEC RD. PLAN AND PROFILE - STA. 245+00.00 - 255+00.00 MOHAVE COUNTY ARIZONA	Stanley Consultants INC. 5820 S. Eastern Avenue, Suite 200 Las Vegas, Nevada 89119 (702) 369-8396 Fax (702) 369-9793 www.stanleygroup.com	SCALE (H) 1"=40' SCALE (V) 1"=4' DRAWN BY EMG CHECKED BY DLA DATE 11/22/05	APPROVED BY DATE
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DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. THE EXACT LOCATION OF ALL UTILITIES TO BE REMOVED OR RELOCATED SHALL BE THE RESPONSIBILITY OF THE USER. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
1-702-277-2800
1-800-277-2800
Call before you dig
Overhead

BASE OF BEARINGS
NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, G1 & S1T, ARIZONA COORDINATE SYSTEM OF 1983 (AZ83 - NAD 83) WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.
M.C.S.D. "30 32" - LATITUDE 30°09'22.7034"N, LONGITUDE 114°09'21.7240"W (NAD 83) HEIGHT 2582.48391ft (NAD 83)
M.C.S.D. "30 35" - LATITUDE 30°09'22.4333"N, LONGITUDE 114°09'25.4539"W (NAD 83) HEIGHT 2466.56824ft (NAD 83)
SEC COR 24/25/26/27 - LATITUDE 30°01'51.8794"N, LONGITUDE 114°09'29.05545"W (NAD 83) HEIGHT 2503.65338ft (NAD 83)

BENCHMARK
BENCHMARK # "AZI 5" M.C.S.D. ELEVATION 2682.04ft (NAD 83)
RECEPTION: 1.12" AUTOMATIC CAP IN CONCRETE SLAB LOCATED AT THE SOUTHWEST CORNER OF AZTEC ROAD & BOLSA DRIVE.
NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

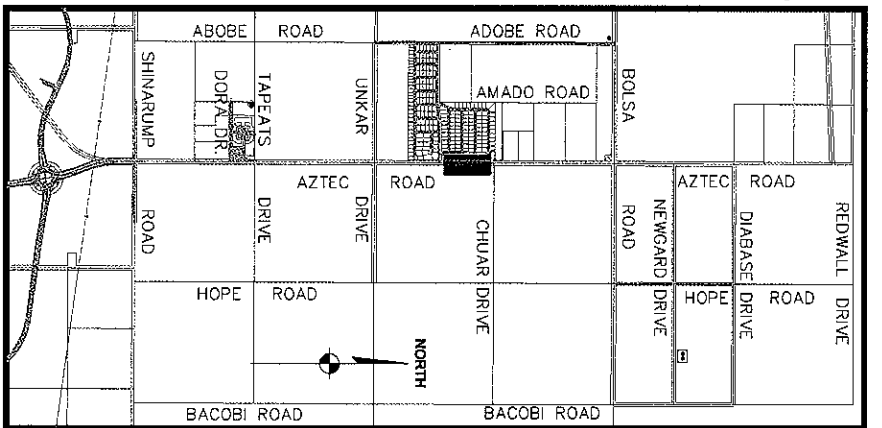
NOT FOR CONSTRUCTION
PRELIMINARY



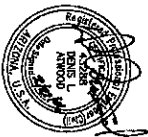
PLAN - AZTEC ROAD
SCALE: HORIZ 1"=40'

MATCHLINE STA. 255+00.00
FOR CONTINUATION SEE SHEET PP-7

MATCHLINE STA. 265+00.00
FOR CONTINUATION SEE SHEET PP-9



KEYMAP
NOT TO SCALE



Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9396 Fax (702) 369-9793
www.stanleygroup.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 255+00.00 - 265+00.00
MOHAVE COUNTY ARIZONA

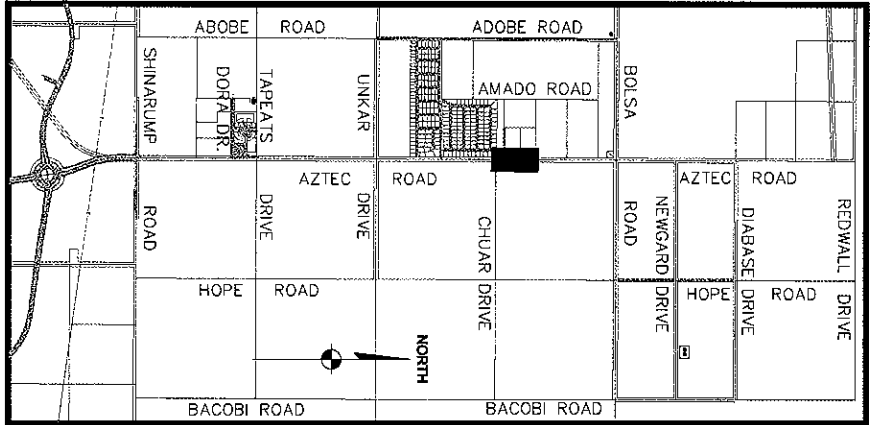
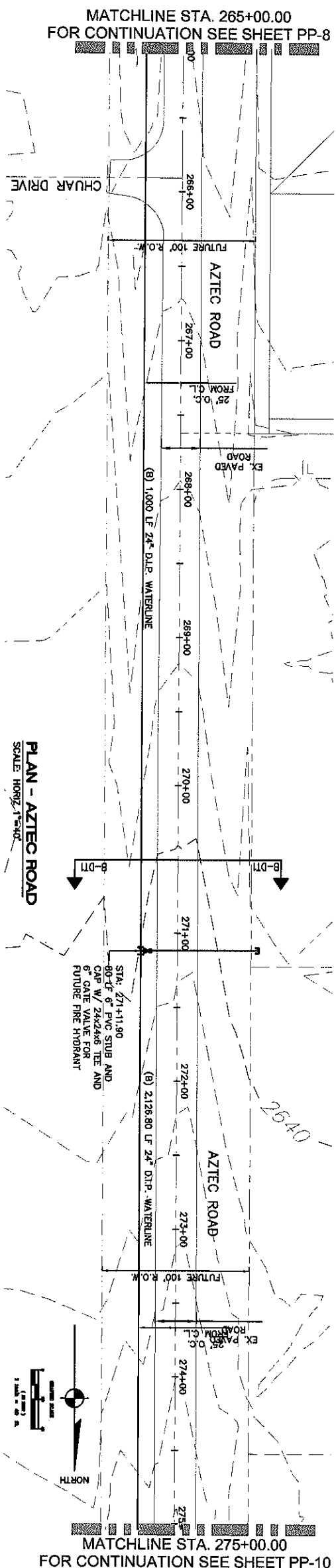
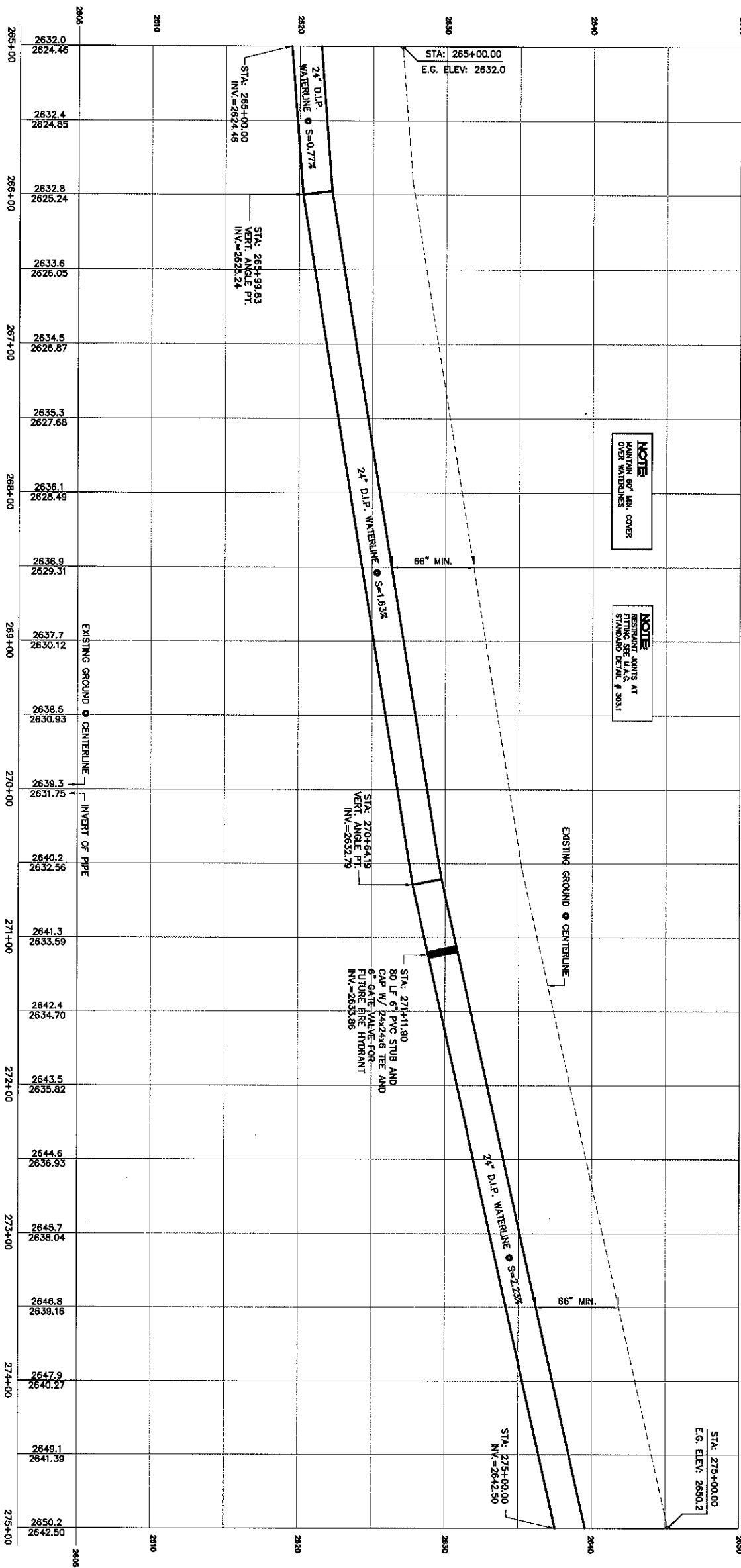
SHEET
PP-8
10 OF 31 SHEETS
SCJ PROJECT #
18449.07.04

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE. CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING THE EXACT LOCATION OF UTILITIES PRIOR TO CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
Find utility underground utility from E.V. center
Call before you dig
1-800-277-2600
1-702-277-2600
Overhead

BASIS OF BEARINGS
NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GILA & SALT RIVERS, MARICOPA COUNTY, ARIZONA COORDINATE SYSTEM OF 1983 (AZ83 - WGS 84) WEST ZONE INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-CPUS.
M.C.S.D. "30 32" - LATITUDE 35°09'22.70334"N, LONGITUDE 114°09'21.97240"W (NAD 83) HEIGHT 2662.46381ft (NAVD 83)
M.C.S.D. "30 35" - LATITUDE 35°09'22.43027"N, LONGITUDE 114°09'26.66309"W (NAD 83) HEIGHT 2666.66824ft (NAVD 83)
SEC COR 26/25/24/27 - LATITUDE 35°07'15.19764"N, LONGITUDE 114°09'29.05545"W (NAD 83) HEIGHT 2600.65538ft (NAVD 83)

BENCHMARK
BENCHMARK # 727 S.M.C.S.D. ELEVATION: 6602.041ft (NAVD 83)
DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MONUMENT 1989 TIES TO S.M.C.S.D. CORNER OF AZTEC ROAD & BOLSA DRIVE.
NOTE
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



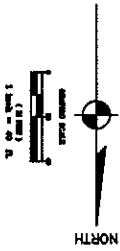
NOT FOR CONSTRUCTION
PRELIMINARY

STANLEY CONSULTANTS INC. 5820 S. Eastern Avenue, Suite 200 Las Vegas, Nevada 89119 (702) 369-9396 Fax (702) 369-9793 www.stanleygroup.com	SCALE (H) 1"=40' SCALE (V) 1"=4' DRAWN BY EMG CHECKED BY DLA DATE 11/22/05	REVISIONS REV. NO. DESCRIPTION DRAWN BY APPROVAL DATE	
	RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH OFFSITE WATER TRANSMISSION LINE - AZTEC RD. PLAN AND PROFILE - STA. 265+00.00 - 275+00.00 MOHAVE COUNTY ARIZONA		

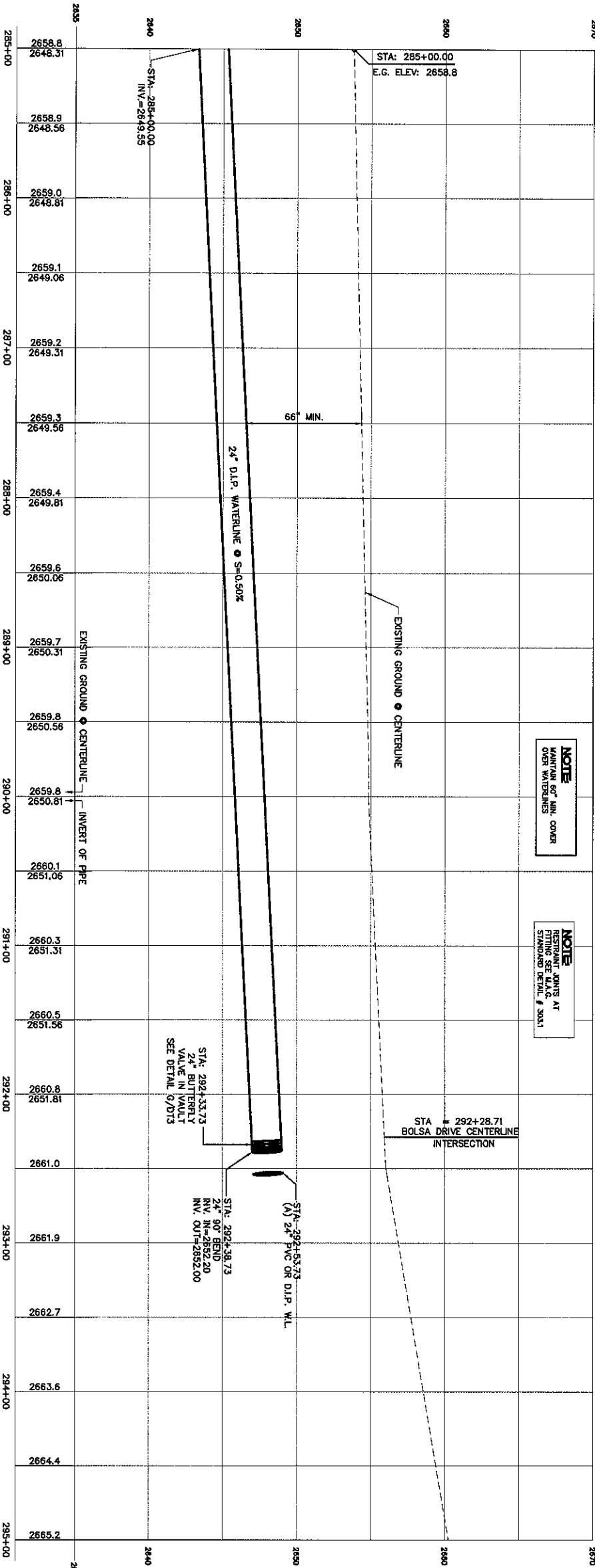
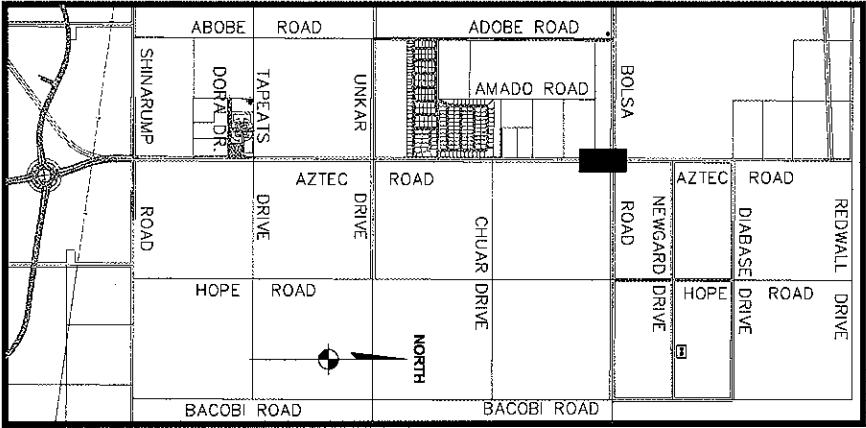
MATCHLINE STA. 285+00.00
FOR CONTINUATION SEE SHEET PP-10

PLAN - AZTEC ROAD
SCALE HORIZ 1"=40'

FOR CONTINUATION SEE SHEET PP-17



MATCHLINE STA. 295+00.00
END OF CONSTRUCTION



PROFILE - AZTEC ROAD
SCALE HORIZ 1"=40'
VERT 1"=4'

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. THE ENGINEER HAS CONDUCTED VISUAL SURVEY TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE BY THE ENGINEER AS TO THE LOCATION OF UTILITIES NOT SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Additional notes regarding utility lines, including a call to action to call before you dig, and contact information for Stanley Consultants.

BASIS OF BEARING

NORTH 0°12'42" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 10 WEST, BLK 1 & SALT RIVER, ARIZONA COORDINATE SYSTEM OF 1983 (NAD 83) WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATE OBSERVATIONS PROCESSED BY NGS-OPUS.

BENCHMARK

BENCHMARK # 7, 24" I.C.S.D. ELEVATION= 2662.04m (NAD 83) DISCREPANCY: 1.17" ALUMINUM CAP IN CONCRETE STUMP LOCATED 1899.765' 10345' CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION

PRELIMINARY

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE - AZTEC RD.
PLAN AND PROFILE - STA. 278+50.00 - 295+00.00

MOHAVE COUNTY

ARIZONA



Stanley Consultants INC.

5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9396 Fax (702) 369-9793
www.stanleygroup.com

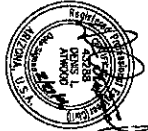
SCALE (H) 1"=40'

SCALE (V) 1"=4'

DRAWN BY EMG

CHECKED BY DLA

DATE 11/22/05



DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE. CONTRACTORS ARE RESPONSIBLE TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE ENGINEER ASSUMES NO LIABILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Additional information before you call
1-800-227-2893
1-702-227-2893
1-702-227-2893
1-702-227-2893

BASE OF BEARING

NORTH 001°24' EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, T17N, R12E, S4E, IS THE BASE OF BEARING FOR THE AZTEC ROAD RIGHT-OF-WAY. THE AZTEC ROAD RIGHT-OF-WAY IS 100 FEET WIDE. THE AZTEC ROAD RIGHT-OF-WAY IS 100 FEET WIDE. THE AZTEC ROAD RIGHT-OF-WAY IS 100 FEET WIDE.

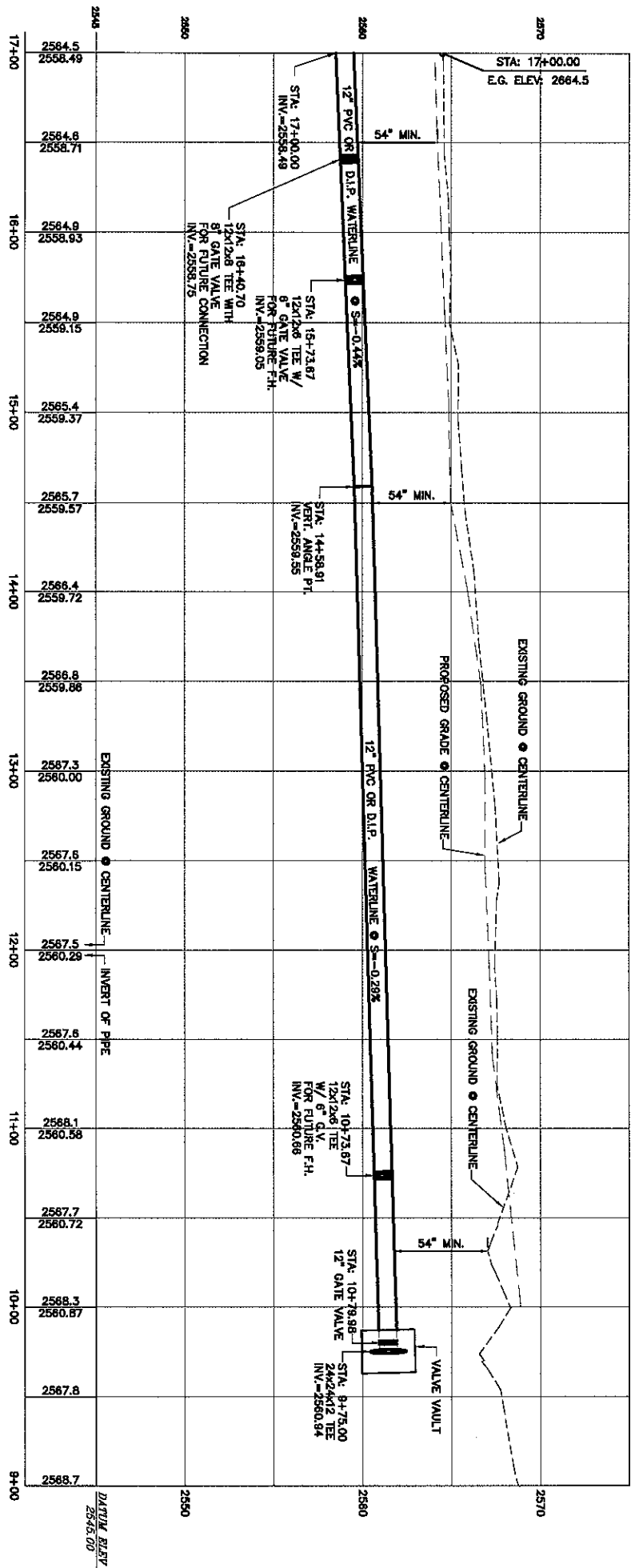
M.G.S.D. 30 30' -
LATITUDE 33°07'22.7003"N
LONGITUDE 114°07'15.1794"W
HEIGHT 2506.8500M (NAVD83)
M.G.S.D. 30 30' -
LATITUDE 33°07'22.7003"N
LONGITUDE 114°07'15.1794"W
HEIGHT 2506.8500M (NAVD83)

BENCHMARK

BENCHMARK # 7421 6" I.C.S.D.
ELEVATION - 2582.01M (NAVD83)
DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE SLAB UPON COUNTY 1999 T&E 10045' CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

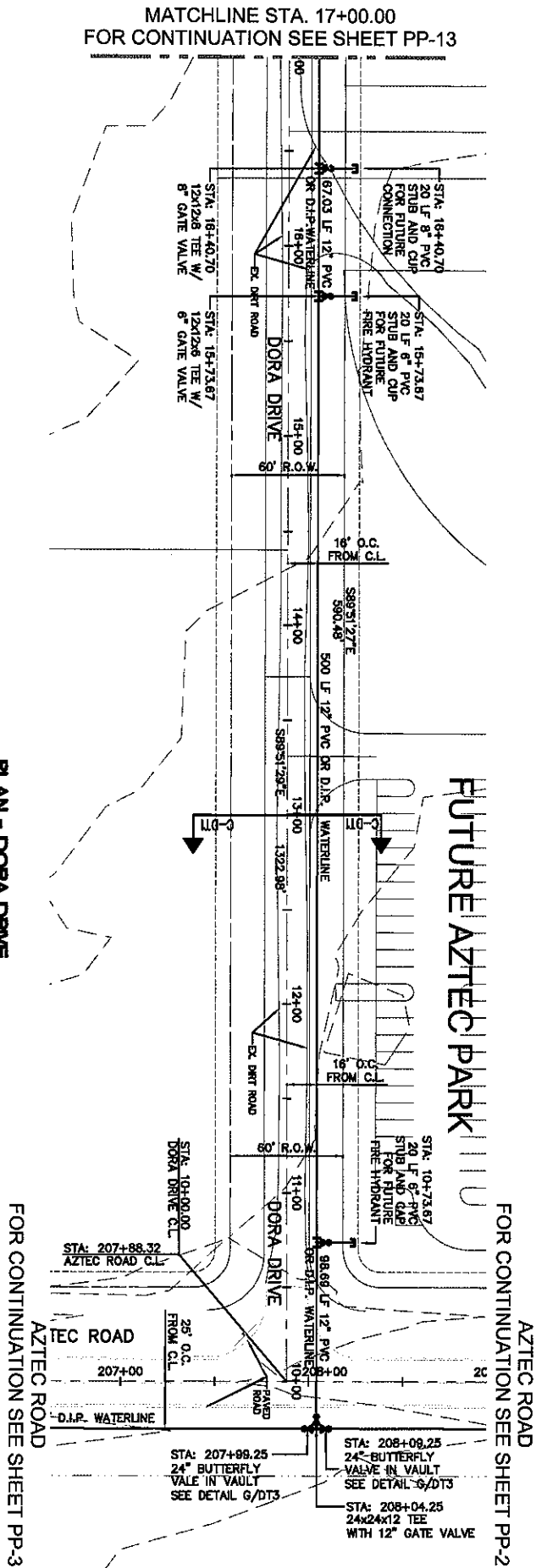
PROFILE - DORA DRIVE
SCALE: HORIZ 1"=40'
VERT 1"=4'



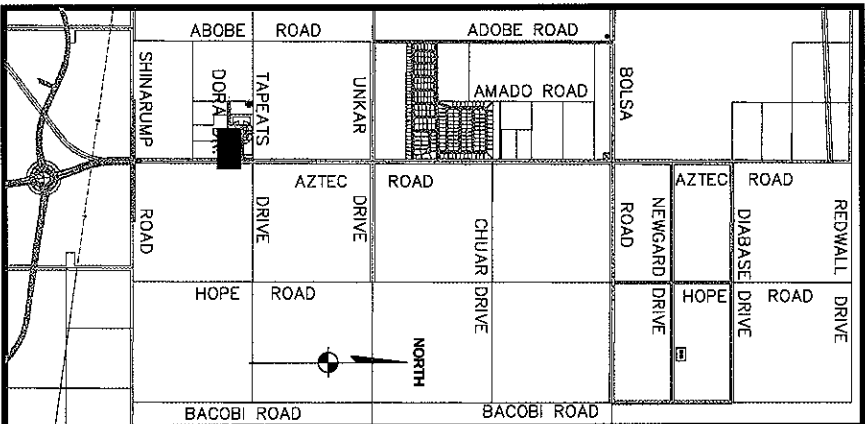
NOTE
MANTEN OF JEN COVER OVER WATERLINES

NOTE
RESTRAINT JOINTS AT FITTING SEE T&E STANDARD DETAIL # 303.1

PLAN - DORA DRIVE
SCALE: HORIZ 1"=40'



KEYMAP
NOT TO SCALE



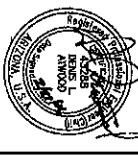
NOT FOR CONSTRUCTION
PRELIMINARY

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE-DORA DRIVE
PLAN AND PROFILE - STA. 9+00.00 - 17+00.00
MOHAVE COUNTY ARIZONA

Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9396 Fax (702) 369-9793
www.stanleygroup.com

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05



DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE. CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. ENGINEER ASSUMES NO LIABILITY FOR UTILITIES NOT SHOWN OR FOR THEIR PROPER LOCATION.

For utility information, call before you dig. Call 1-800-277-2600 (before you dig) or 1-702-277-2929 (overhead).

BASE OF BEARINGS

NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, T10S, R10E, S4E, IN THE WEST 1/4 OF THE ARIZONA COORDINATE SYSTEM OF 1983 (AZCS-83) WEST ZONE, INTERSECTION POINT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

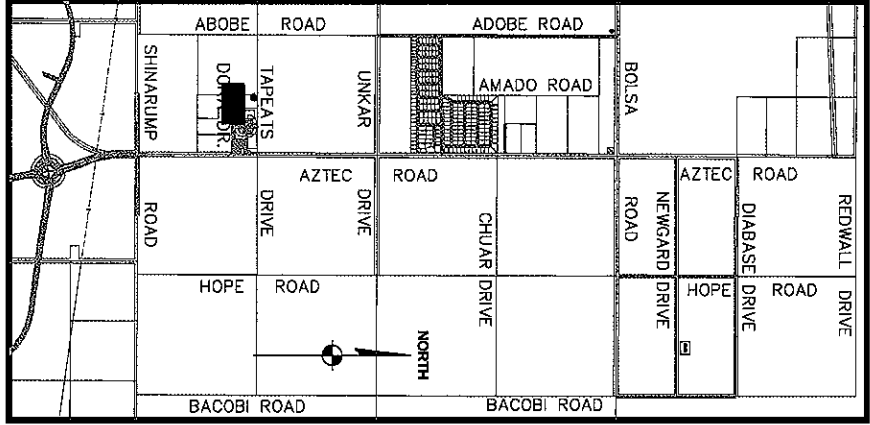
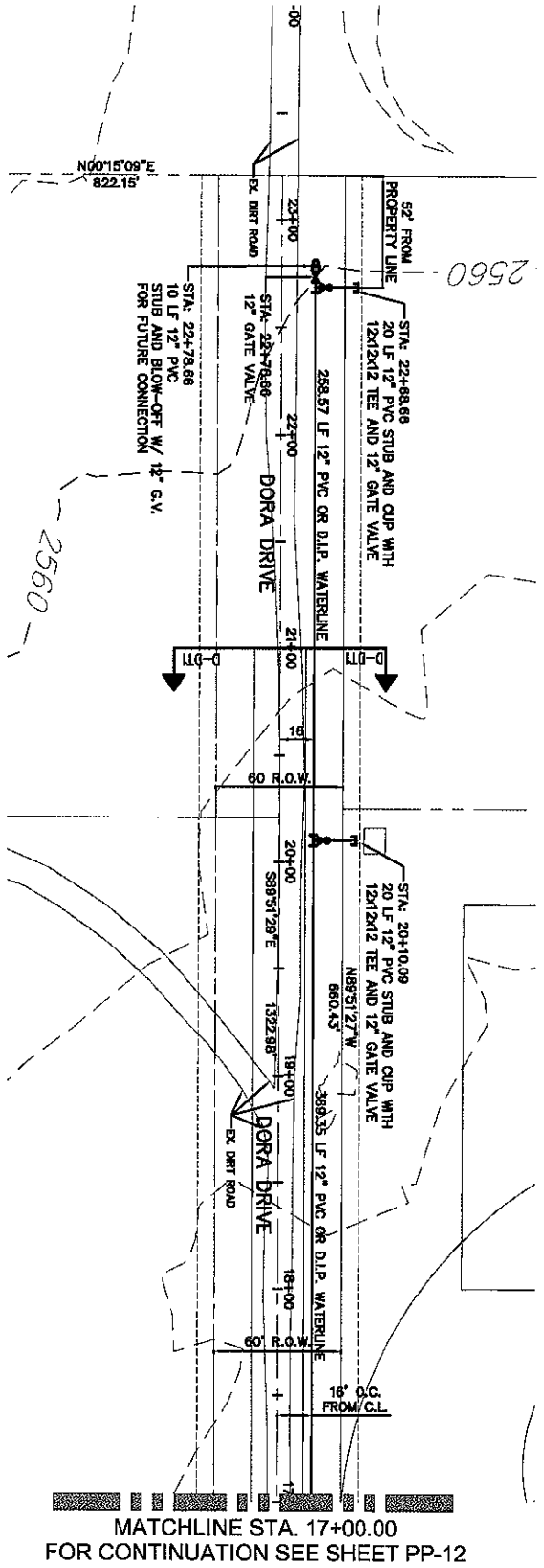
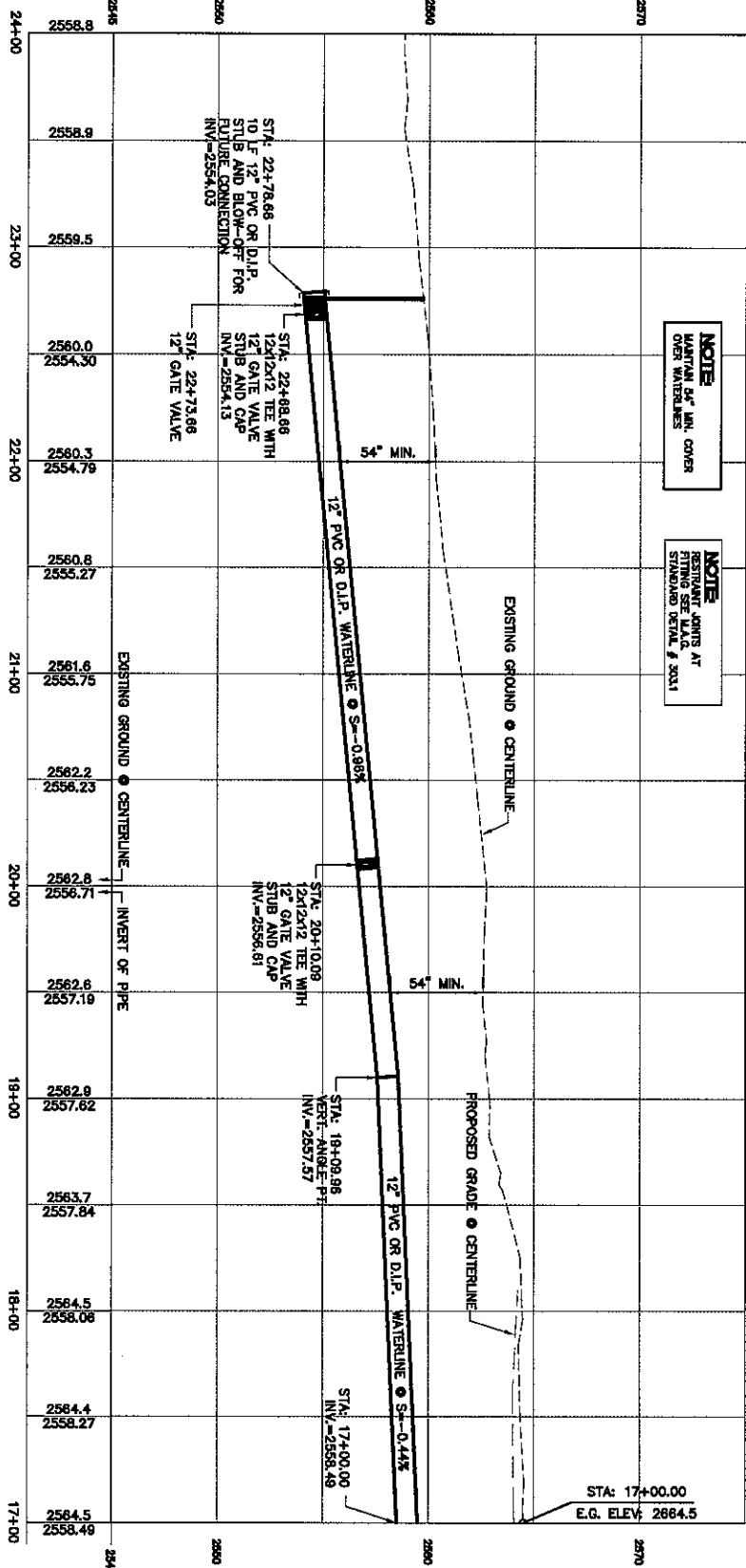
M.C.S.D. "90 32" - LATITUDE 33°09'22.7034"N, LONGITUDE 114°07'21.7724"W (NAD 83) ELEVATION 2552.04m (NAD 83)
M.C.S.D. "90 36" - LATITUDE 33°09'22.4327"N, LONGITUDE 114°07'22.3008"W (NAD 83) ELEVATION 2552.4639m (NAD 83)
SEC COR 26/29/34/37 - LATITUDE 33°07'15.1974"N, LONGITUDE 114°07'09.0554"W (NAD 83) ELEVATION 2550.0530m (NAD 83)

BENCHMARK

BENCHMARK # 742 OF M.C.S.D. ELEVATION 2552.04m (NAD 83)
POSITION: 11.7' ALUMINA CAP IN CONCRETE STRAP MARKING CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



NOT FOR CONSTRUCTION
PRELIMINARY

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(702) 369-9396 Fax (702) 369-9793
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RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE-DORA DRIVE
PLAN AND PROFILE - STA. 17+00.00 - 24+00.00

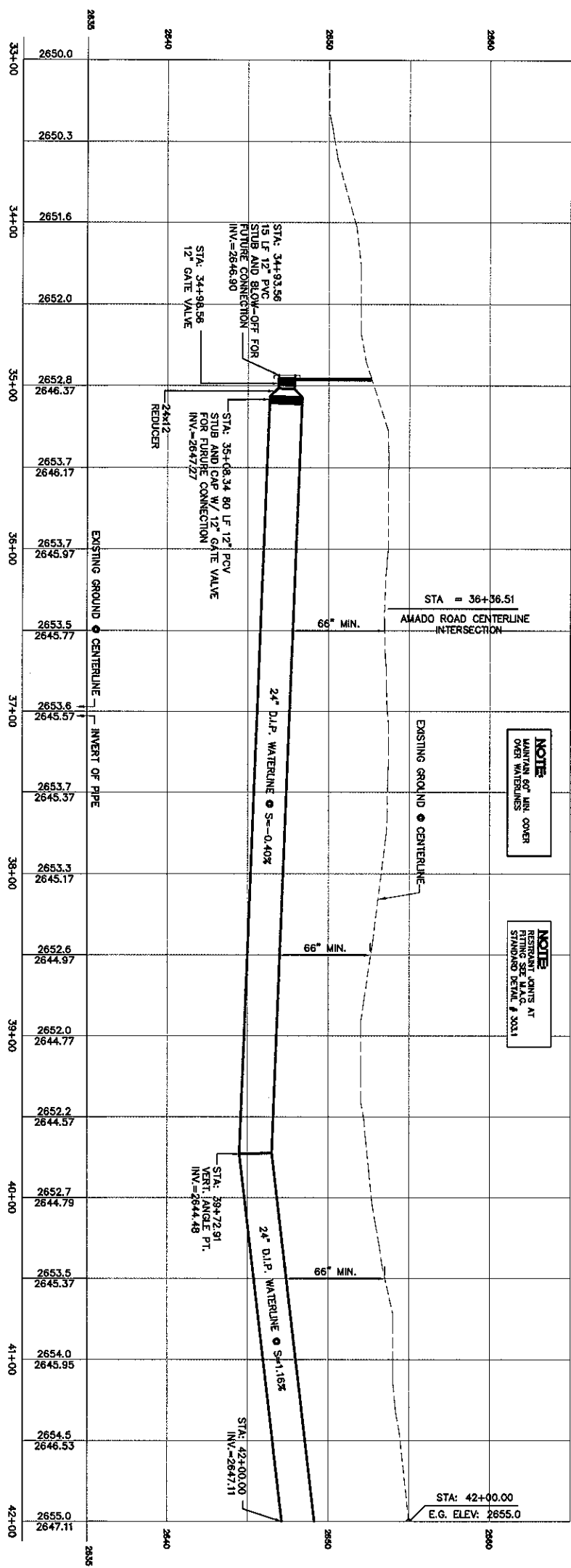
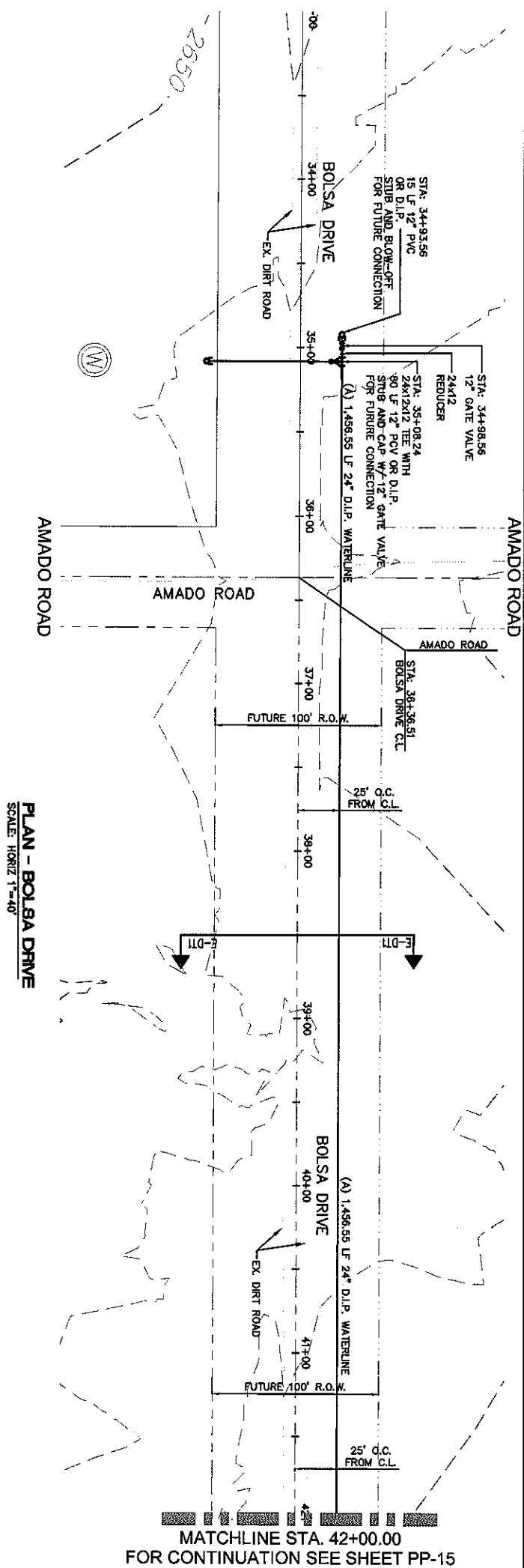
MOHAVE COUNTY ARIZONA

KEYMAP
NOT TO SCALE

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05

NOT FOR CONSTRUCTION
PP-13
15 OF 31 SHEETS
SHEET PROJECT 18449.07/04

ST-RH035615



DISCLAIMER NOTE

HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Avoid cutting underground utility lines. It's costly.
 before you
 Call
 Dig

1-800-227-2660
 UNDERGROUND SERVICE (US)

Avoid overhead power line contact.
 Call
 before you
 Overhead

1-702-227-2929
 THE POWER PEOPLE
 AND SAFETY SERVICE SPECIALISTS

BASIS OF BEARING

NORTH 0071247 EAST - THE EAST LINE OF THE SOUTHWEST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, GALT COUNTY, IOWA. COORDINATE SYSTEM OF 1883 (ADJ-83) WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

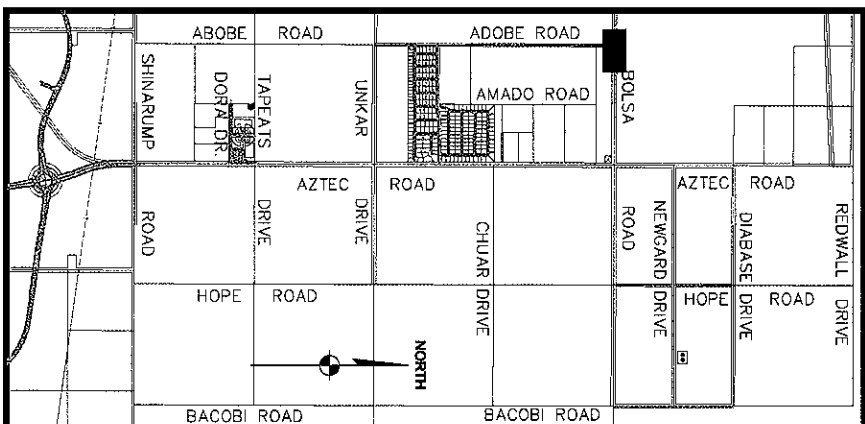
M.C.S.D. "30" 32 -	LATITUDE 3509722.7065374 N LONGITUDE 1141057.6157240 W (NAD 83) HEBERT 2582.4638181 (NA40758)
M.C.S.D. "30" 35 -	LATITUDE 3509722.433373 N LONGITUDE 1141059.683607 W (NAD 83) HEBERT 2466.5862474 (NA40783)
SEC COR 36/35/34/27	LATITUDE 3501015.1978454 N LONGITUDE 1141058.055575 W (NAD 83) HEBERT 2205.6553891 (NA40786)

BENCHMARK

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302
FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION

PRELIMINARY



KEYMAP
NOT TO SCALE

NOT TO SCALE

**RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH**

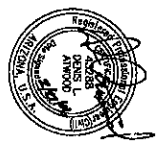
OFFSITE WATER TRANSMISSION LINE - BOLSA DR.
PLAN AND PROFILE - STA. 33+00.00 - 42+00.00
MOHAVE COUNTY ARIZONA



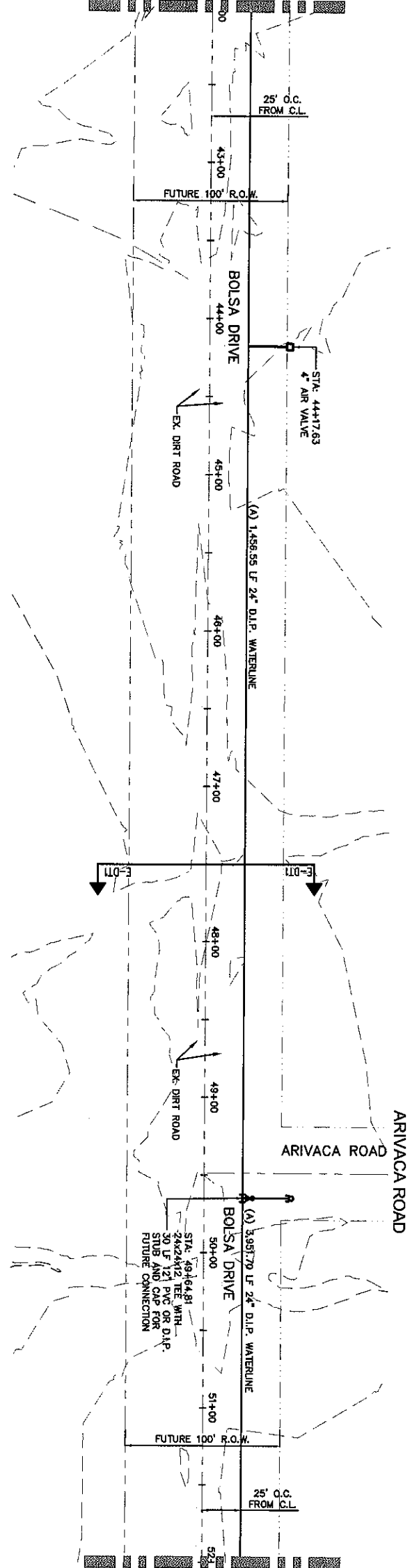
5620 S. Eastern Avenue, Suite 200
 Las Vegas, Nevada 89119
 (702) 369-9396 Fax (702) 369-9793
www.stanleygroup.com

Stanley Consultants INC.

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05

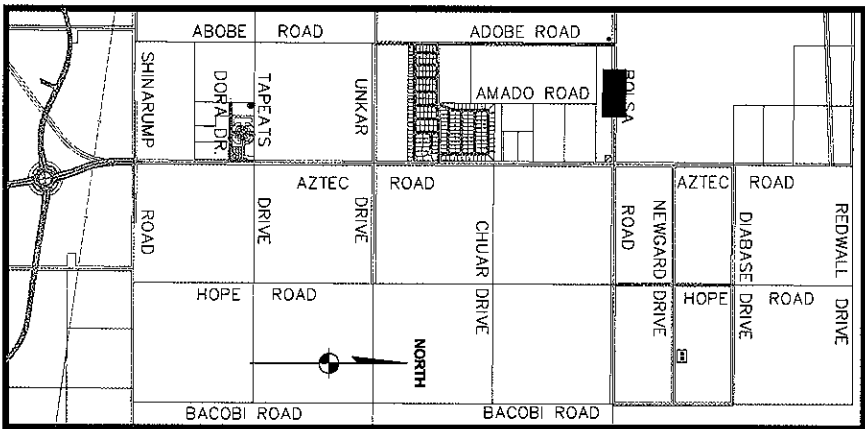


MATCHLINE STA. 42+00.00
FOR CONTINUATION SEE SHEET PP-14

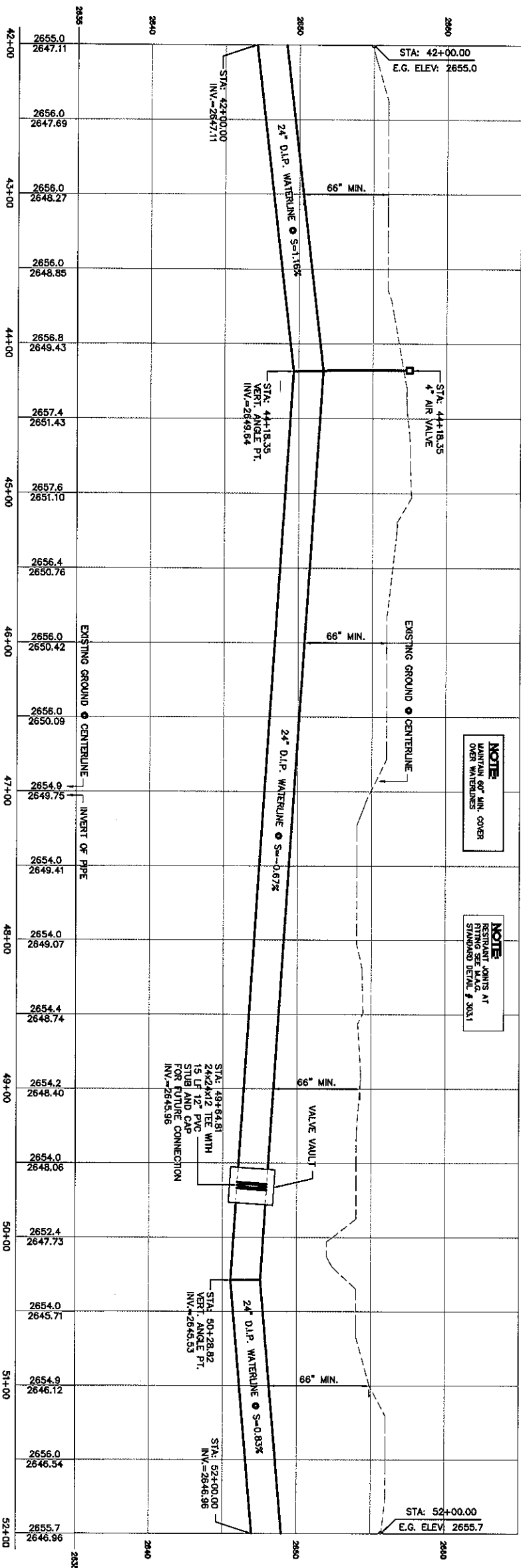


MATCHLINE STA. 52+00.00
FOR CONTINUATION SEE SHEET PP-16

PLAN - BOLSA DRIVE
SCALE: HORIZ 1"=40'



KEYMAP
NOT TO SCALE



PROFILE - BOLSA DRIVE
SCALE: HORIZ 1"=40'
VERT 1"=4'

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE USER TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. NO REPRESENTATION IS MADE BY ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

BASE OF BEARINGS

NORTH 0012.47° EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, Q1A & SALT ARIZONA COORDINATE SYSTEM (NAD 83) IS USED AS THE BASE OF BEARINGS FOR THIS PROJECT. UTILITY FAST STATIC OBSERVATIONS PROCESSED BY NGS - CPUS.

BENCHMARK

BENCHMARK # 1217 5" M.C.S.O. ELEVATION: 26620.44 (NAD 83) DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE SLAB WORKING CORNER OF ALTER ROAD & BOLSA DRIVE.

NOTE

REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

NOT FOR CONSTRUCTION

PRELIMINARY



Stanley Consultants INC.

5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9396 Fax (702) 369-9793
www.stanleygroup.com

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05



RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE - BOLSA DR.
PLAN AND PROFILE - STA. 42+00.00 - 52+00.00

MOHAVE COUNTY

ARIZONA

PP-15

17 OF 31 SHEETS
SCL PROJECT #
18-449-07-04

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE USER TO OBTAIN THE NECESSARY INFORMATION TO DETERMINE THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE BY STANLEY CONSULTANTS INC. ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you dig
1-800-277-2600
www.callbeforeyoudig.com

Call before you dig
1-702-277-2600
www.callbeforeyoudig.com

BASIS OF BEARINGS
NORTH 07°24'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, G1A & SALT RIVER WATERSHED, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-OPUS.

M.C.S.D. "30 32" =
LATITUDE 38°02'10.33"N
LONGITUDE 114°52'15.22"W (NAD 83)
HEIGHT 2582.4639m (NAVD83)

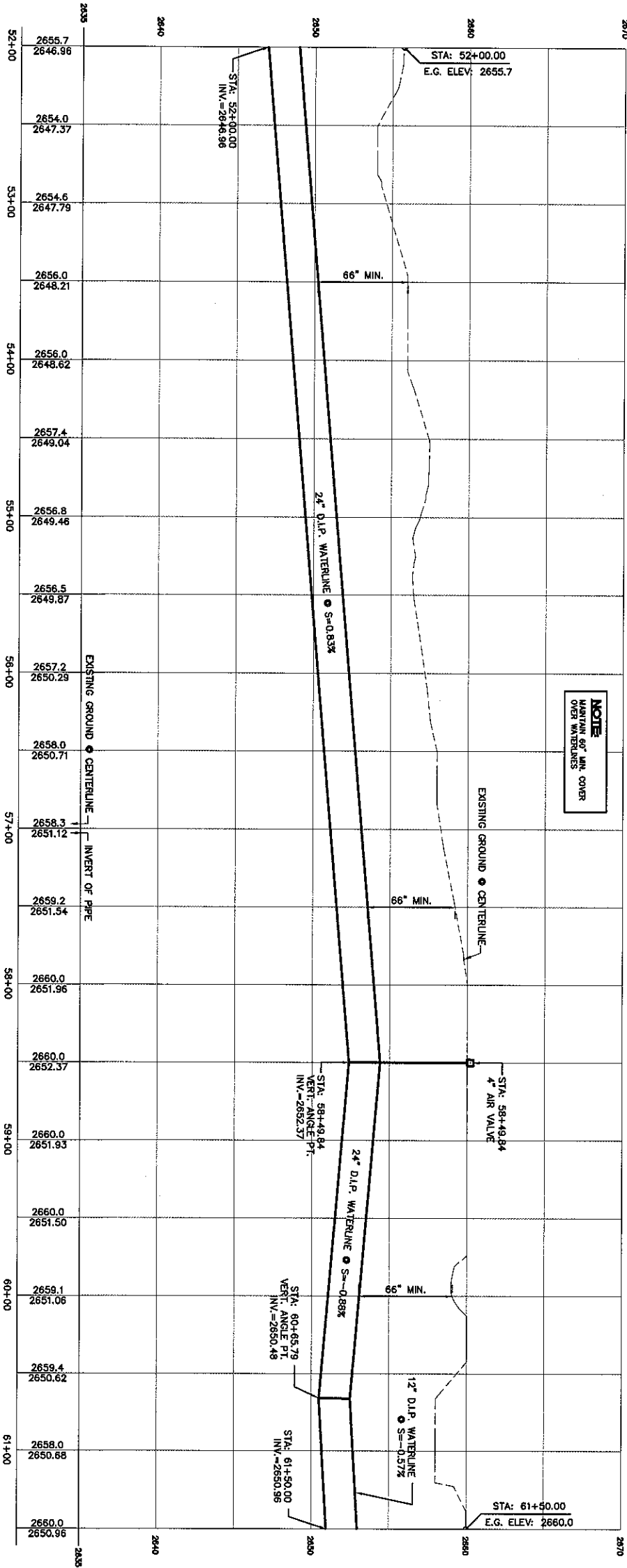
M.C.S.D. "30 35" =
LATITUDE 38°02'18.32"N
LONGITUDE 114°52'33.07"W (NAD 83)
HEIGHT 2468.5624m (NAVD83)

SEC COR 20/35/34/77 - LATITUDE 38°01'51.97"N
LONGITUDE 114°52'03.45"W (NAD 83)
HEIGHT 2503.6539m (NAVD83)

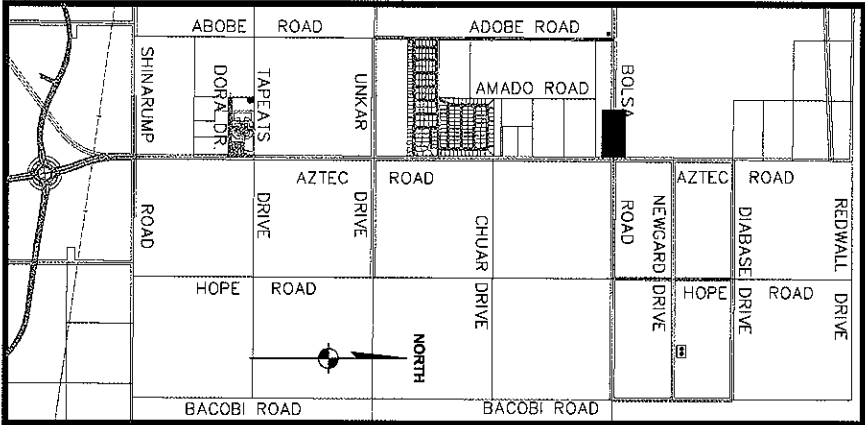
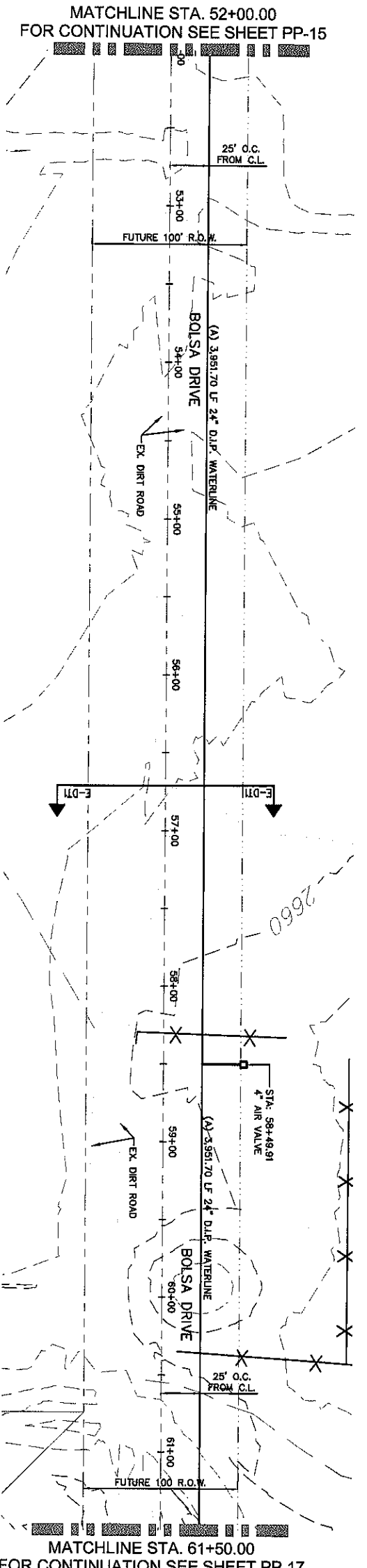
BENCHMARK
BENCHMARK "A" OF M.C.S.D. ELEVATION 2662.94m (NAVD 83)
DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MONUMENT 1899 TIES ROAD 5' CORNER OF ADRIE ROAD & BOLSA DRIVE.

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

PROFILE - BOLSA DRIVE
SCALE: HORIZ 1"=40'
VERT 1"=4'



PLAN - BOLSA DRIVE
SCALE: HORIZ 1"=40'



NOT FOR CONSTRUCTION
PRELIMINARY

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE - BOLSA DR.
PLAN AND PROFILE - STA. 52+00.00 - 61+50.00

MOHAVE COUNTY **ARIZONA**

Stanley Consultants INC.

5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9395 Fax (702) 369-9793
www.stanleygroup.com

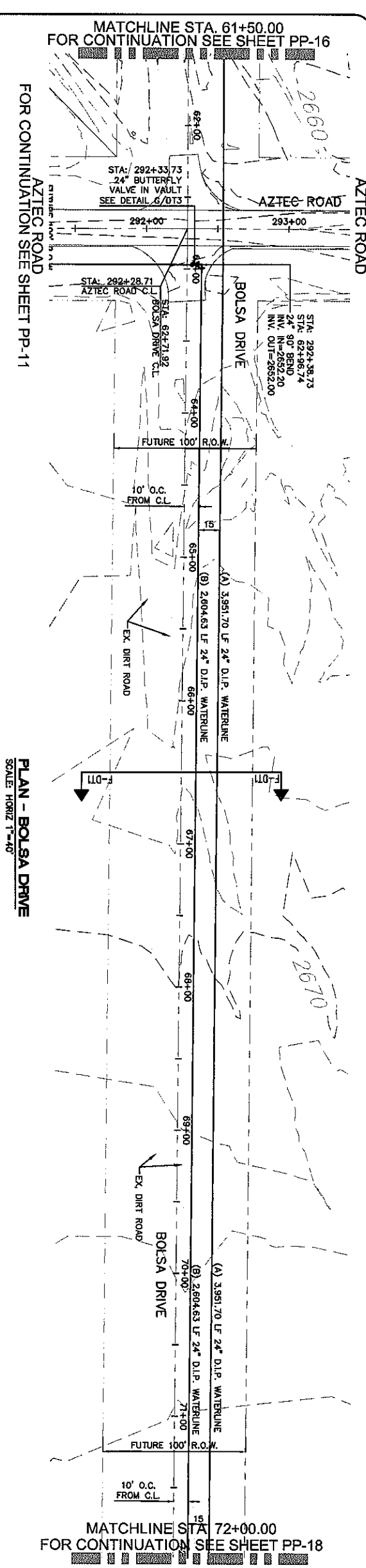
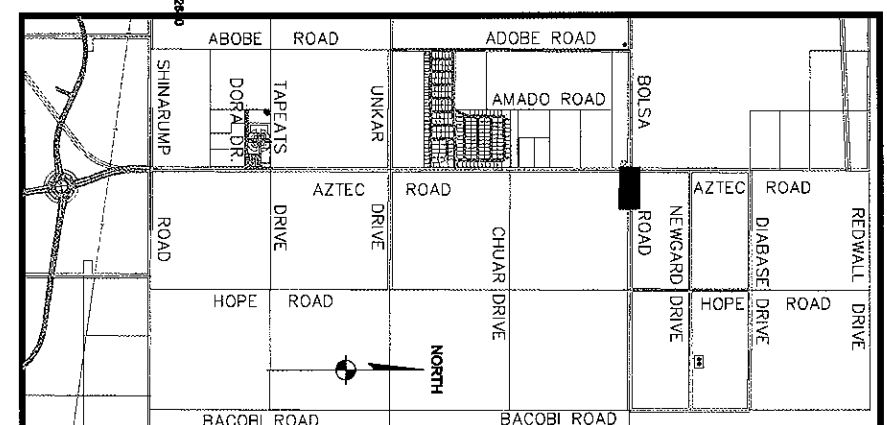
SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05

SHEET
PP-16
18 OF 31 SHEETS
SCS PROJECT
18449.0724

REGISTERED PROFESSIONAL ENGINEER
STATE OF ARIZONA
NO. 12345
EXPIRATION DATE 12/31/2010

NOT FOR CONSTRUCTION

PRELIMINARY



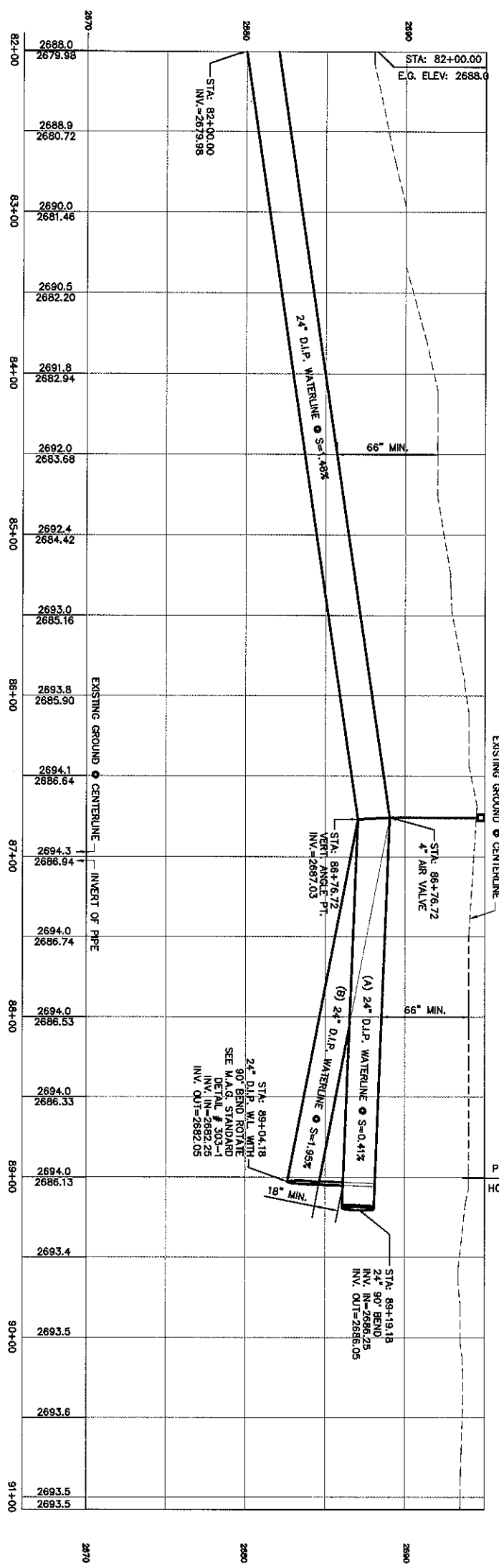
ST-RH035619

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION, DEPTH, AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR THEIR PROPER LOCATION.
Call before you dig
1-800-277-2600
Overhead
1-702-277-2939
Underground
1-800-277-2600

BASIS OF BEARINGS
NORTH 001°24'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 22, TOWNSHIP 21 NORTH, RANGE 18 WEST, QUA & SALT RIVER WATERSHED, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE INTERNATIONAL FOOT, UTILITIES EAST STATE OBSERVATIONS PROCESSED BY NGS-SPUS.
M.C.S.D. "90 32" - LATITUDE 38°02'27.70"N, LONGITUDE 114°02'12.70"W (NAD 83)
M.C.S.D. "90 35" - LATITUDE 38°02'27.70"N, LONGITUDE 114°02'12.70"W (NAD 83)
SEC COR 20/35/34/27 - LATITUDE 38°02'27.70"N, LONGITUDE 114°02'12.70"W (NAD 83)
HEIGHT 2504.63330M (NAVD 83)

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

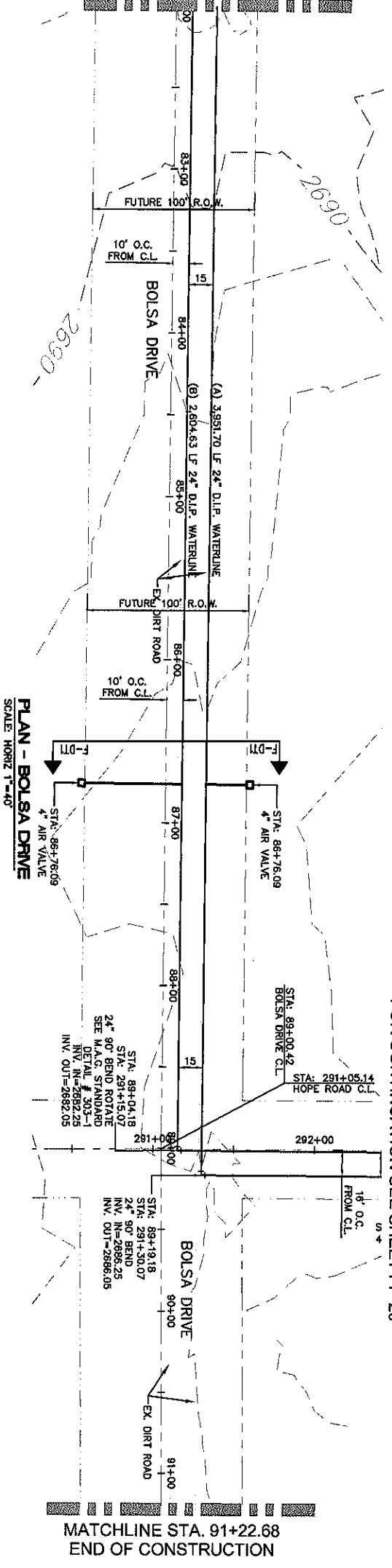
PROFILE - BOLSA DRIVE
SCALE: HORIZ T=40'
VERT 1"=4'



NOTE:
MAINTAIN 60" MIN. COVER OVER WATERLINES

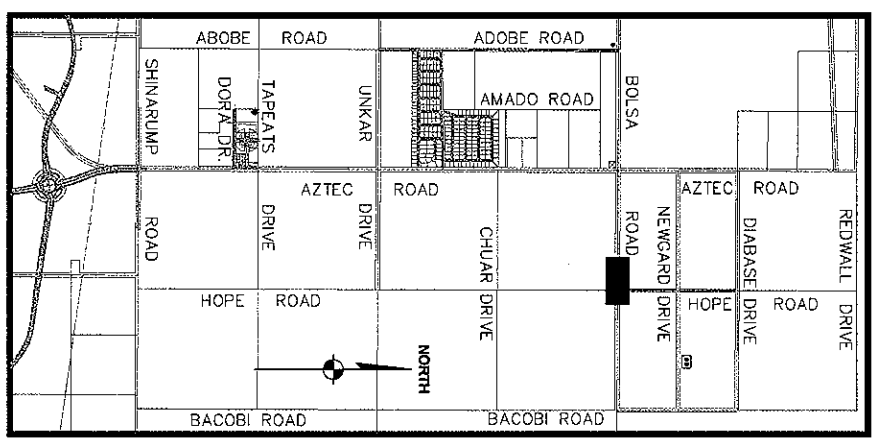
NOTE:
STANDARD JOINTS AT FITTING SEE M.A.G. STANDARD DETAIL # 303.1

MATCHLINE STA. 83+00.00
FOR CONTINUATION SEE SHEET PP-18



FOR CONTINUATION SEE SHEET PP-20

KEYMAP
NOT TO SCALE



NOT FOR CONSTRUCTION
PRELIMINARY

PP-19 SHEET 21 OF 31 SHEETS SC PROJECT # 18449.0704	RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH	 Stanley Consultants INC. 5820 S. Eastern Avenue, Suite 200 Las Vegas, Nevada 89119 (702) 369-9396 Fax (702) 369-9793 www.stanleygroup.com	SCALE (H) 1"=40' SCALE (V) 1"=4' DRAWN BY EMG CHECKED BY DLA DATE 11/22/05	
	OFFSITE WATER TRANSMISSION LINE - BOLSA DR. PLAN AND PROFILE - STA. 82+00.00 - 91+22.68 MOHAVE COUNTY ARIZONA			

Case 09-14814-gwz Doc 1238-18 Filed 08/20/19 Page 1 of 1
RD-EXTENSION\Imp-Plans 30%\PH1\HOPE-RD_PP20-PP21.dwg, 3/20/2006 10:52:11

\\LVG-PS1\hp5500-survey-pcl

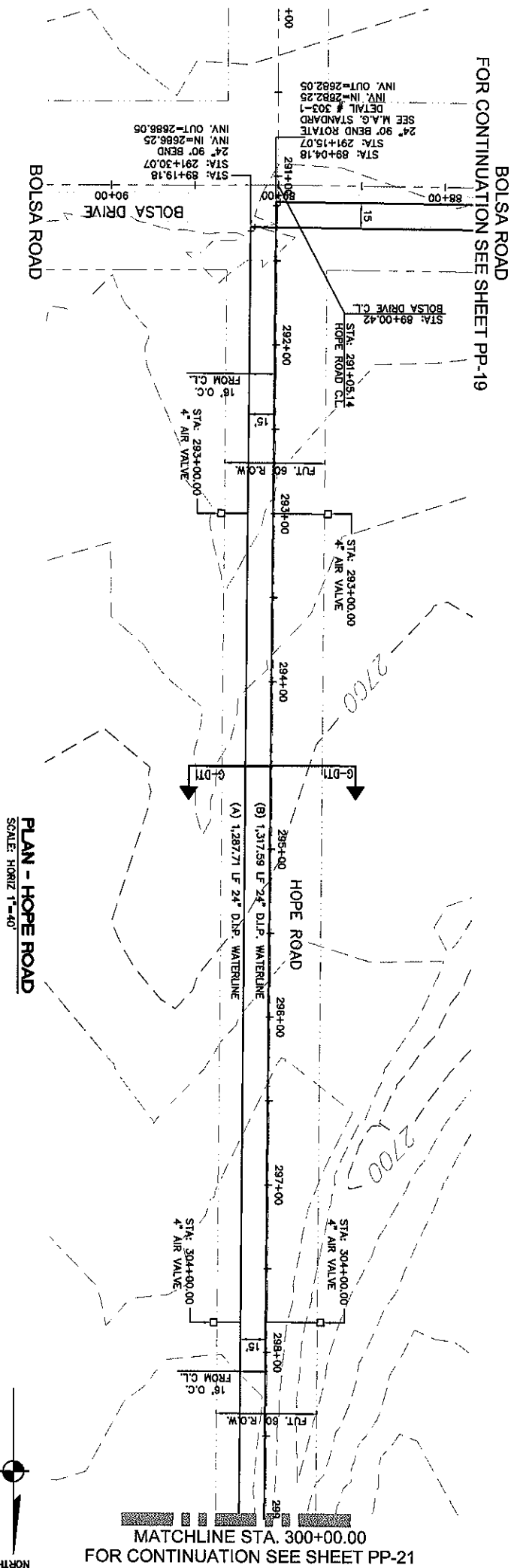
HEREON ARE APPROXIMATE ONLY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVER-HEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

NORTH 001°24'7" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (S 1/4) OF SECTION 21, TOWNSHIP 21 NORTH, RANGE 18 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-WF), WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NCS-981S.

DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MONUMENT
COUNTY 1989 "PLS 10345"
LOCATED AT THE SOUTHWEST
CORNER OF AZTEC ROAD & BOLSA DRIVE

REFER TO M.A.G. STANDARD DWG. # 3022
FOR D.I.P. JOINT RESTRAINTS

RESTRAINT JOINTS AT
FITTING SEE M.A.G.
STANDARD DETAIL # 303.1

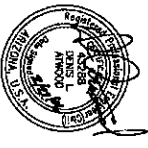


PRELIMINARY

OFFSITE WATER TRANSMISSION LINE - HOPE RD.
PLAN AND PROFILE - STA. 290+00.00 - 299+00.00
MOHAVE COUNTY ARIZONA

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05



avoid calling underground utility lines. It's easily before you
Call Dig
1-800-227-2600
underground service (gas)

BASES OF BEARING

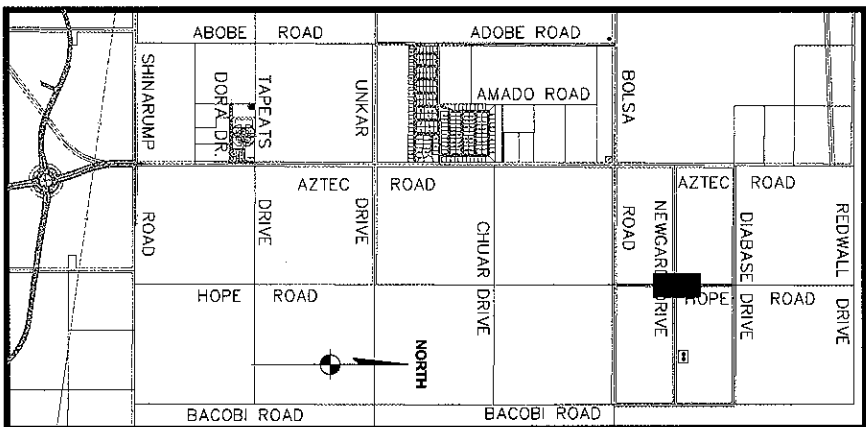
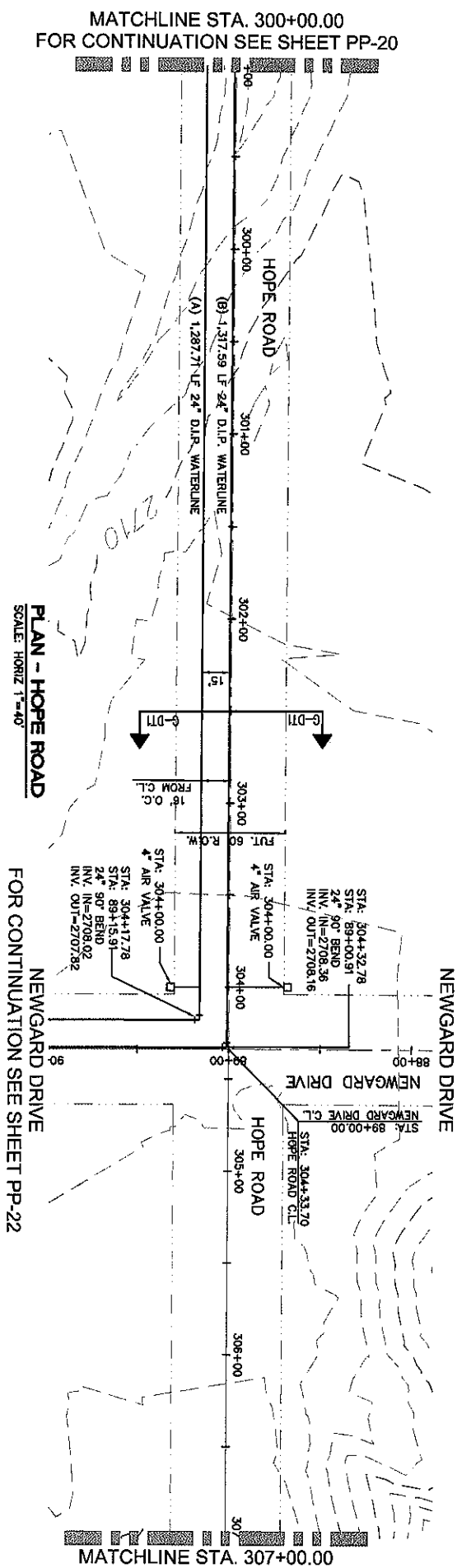
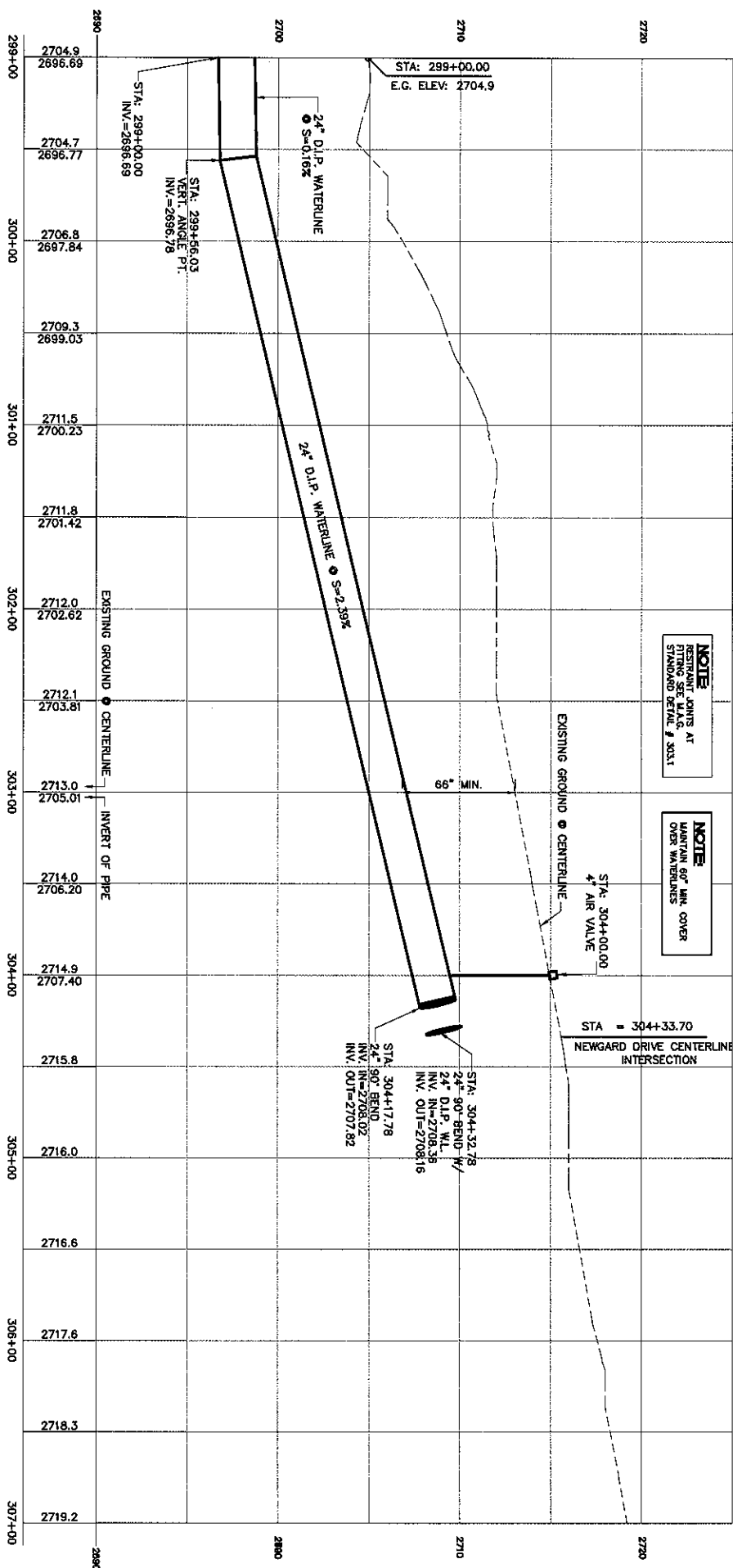
NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 16 WEST, GLA & SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (AZ83-NW7, WEST ZONE, INTERNATIONAL FOOT, UTILIZING FAST STATIC OBSERVATIONS PROCESSED BY NGS-CRUS.

FRENCH MARK

BENCHMARK # 2421 5' M.C.S.D.
ELEVATION= 2862.014H (NAVD 88)
DESCRIPTION: 1 1/2" ALUMINUM CAP IN CONCRETE STAMP MARK
COUNTY 1989 T15S 102AS
CORNER OF AZTEC ROAD & BOLSA DRIVE. LOCATED AT THE SOUTHWEST

NOTE:

REFER TO M.A.G. STANDARD DWG. # 302
FOR D.I.P. JOINT RESTRAINTS



KEYMAP
NOT TO SCALE

NOT FOR CONSTRUCTION

PRELIMINARY

RHODES HOMES ARIZONA, L.L.C
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE - HOPE RD.
PLAN AND PROFILE - STA. 299+00.00 - 307+00.00
MOHAVE COUNTY ARIZONA

 5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-9396 Fax (702) 369-9793
www.stanleygroup.com

Stanley Consultants INC.

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05



DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE USER TO OBTAIN THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. NO REPRESENTATION IS MADE BY THESE LINES THAT THE LOCATIONS SHOWN HEREON ARE THE EXACT LOCATIONS OF ALL UTILITIES. THE USER ASSUMES ALL RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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www.callbeforeyoudig.com

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www.callbeforeyoudig.com

BASE OF BEARINGS
NORTH 00°12'47" EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, G1A & SALT RIVER, MARICOPA COUNTY, ARIZONA. COORDINATE SYSTEM OF 1983 (NAD 83) AND WESTERN INTERNATIONAL FOOT. UTILITIES FAST STATIC OBSERVATIONS PROCESSED BY NGS-CPUS.

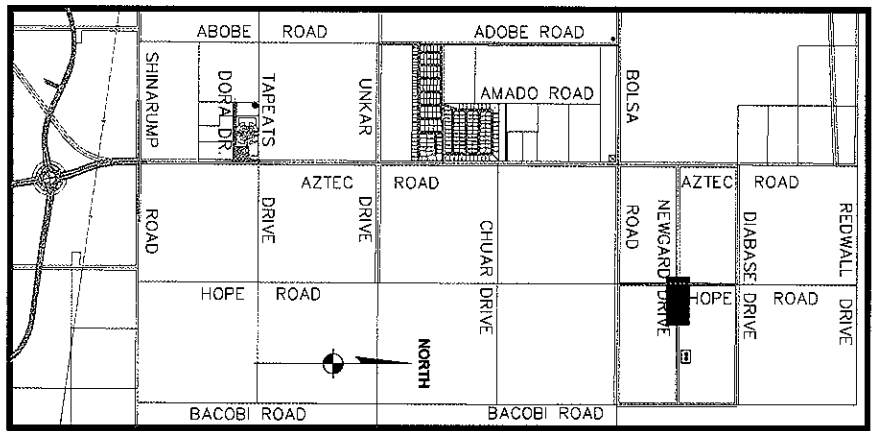
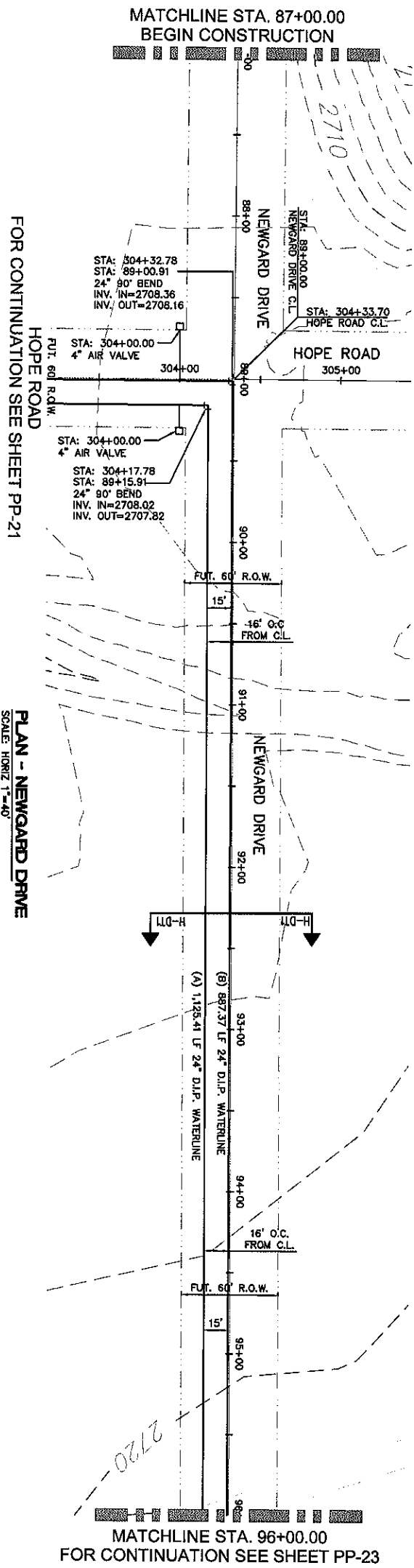
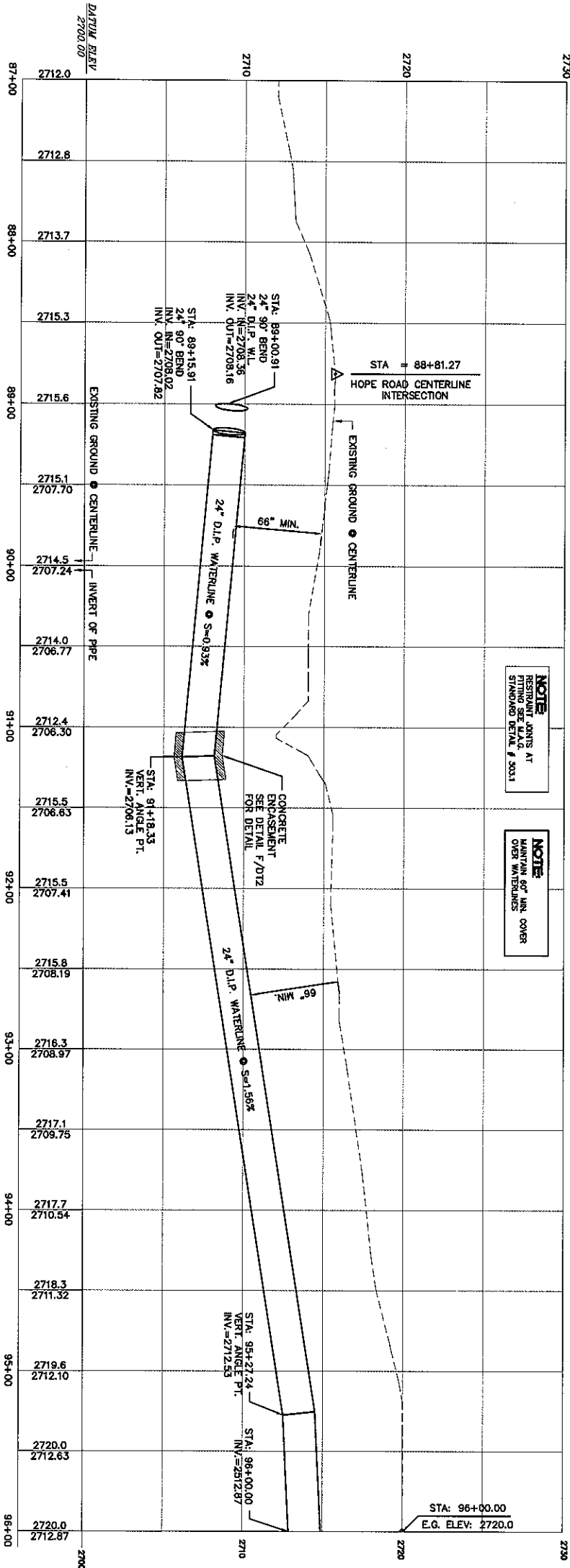
M.C.S.D. "30 32" -
LATITUDE 33°02'22.7034"N
LONGITUDE 114°09'21.5740"W (NAD 83)
HEIGHT 2882.4639ft (NAD 83)

M.C.S.D. "30 35" -
LATITUDE 33°02'43.037"N
LONGITUDE 114°05'58.5059"W (NAD 83)
HEIGHT 2468.5824ft (NAD 83)

SEC COR 24/25/26/27 -
LATITUDE 33°01'51.9741"N
LONGITUDE 114°09'58.0545"W (NAD 83)
HEIGHT 2300.6538ft (NAD 83)

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS

PROFILE - NEWGARD DRIVE
SCALE: HORIZ 1"=40'
VERT 1"=4'



NOT FOR CONSTRUCTION
PRELIMINARY

STANLEY CONSULTANTS INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-8396 Fax (702) 369-8793
www.stanleygroup.com

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE - NEWGARD DR.
PLAN AND PROFILE - STA. 87+00.00 - 96+00.00

MCHAVE COUNTY ARIZONA

SCALE (H) 1"=40'
SCALE (V) 1"=4'
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05

PP-22
SHEET 31 OF 31 SHEETS
18449.07.04

NOT TO SCALE

KEYMAP
NOT TO SCALE

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PRELIMINARY

DISCLAIMER NOTE
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION, DEPTH, HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. NO REPRESENTATION IS MADE BY THE ENGINEER AS TO THE ACCURACY OF THE UTILITIES SHOWN OR THE RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES LOCATED IN THE PROJECT LOCATION.

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www.callbeforeyoudig.com

Call before you dig
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www.callbeforeyoudig.com

BASE OF BEARINGS
NORTH 001°24' EAST - THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 27, TOWNSHIP 21 NORTH, RANGE 18 WEST, G1A & SALT RIVER WATERSHED, MARICOPA COUNTY, ARIZONA, AS DETERMINED BY THE INTERNATIONAL FOOT, UTILITIES EAST STATE OBSERVATIONS PROCESSED BY NGS-CPUS.

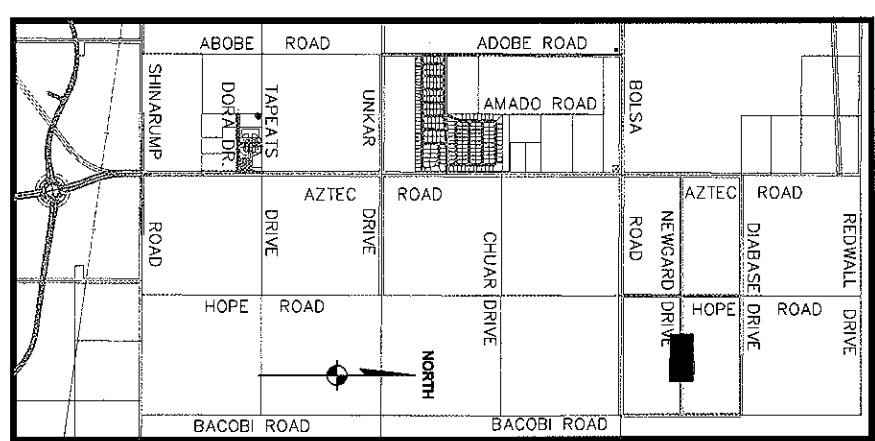
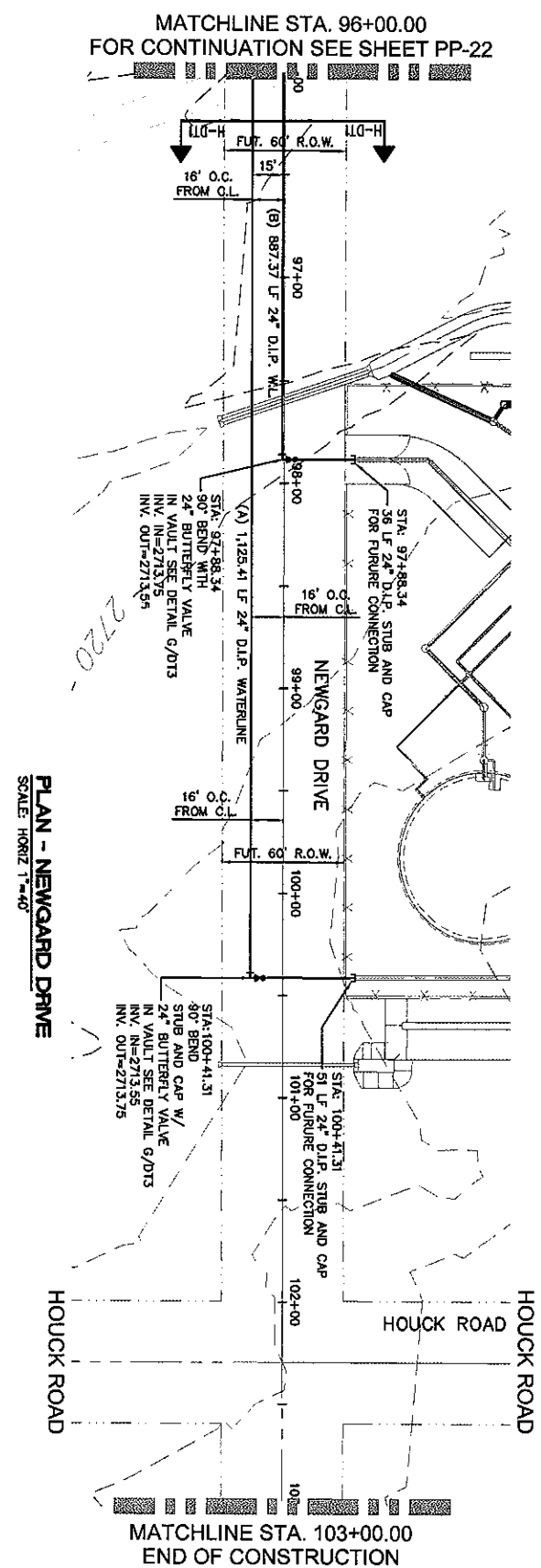
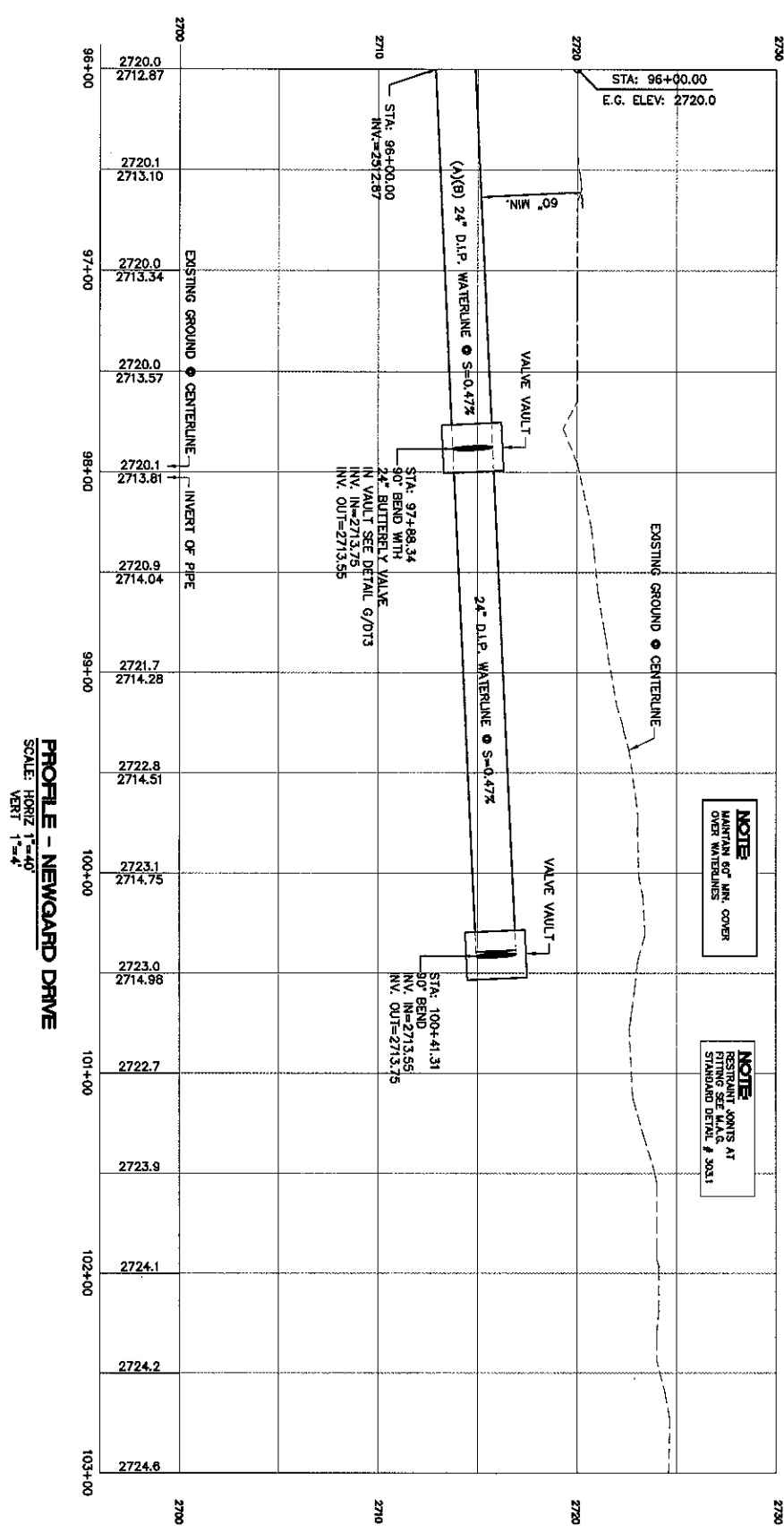
M.C.S.D. "S" 32° - LATITUDE 38°02'20.32"N, LONGITUDE 114°02'21.024"W (NAD 83)
HEIGHT 2662.463916 (NAVD 83)

M.C.S.D. "S" 35° - LATITUDE 38°02'20.32"N, LONGITUDE 114°02'21.024"W (NAD 83)
HEIGHT 2662.463916 (NAVD 83)

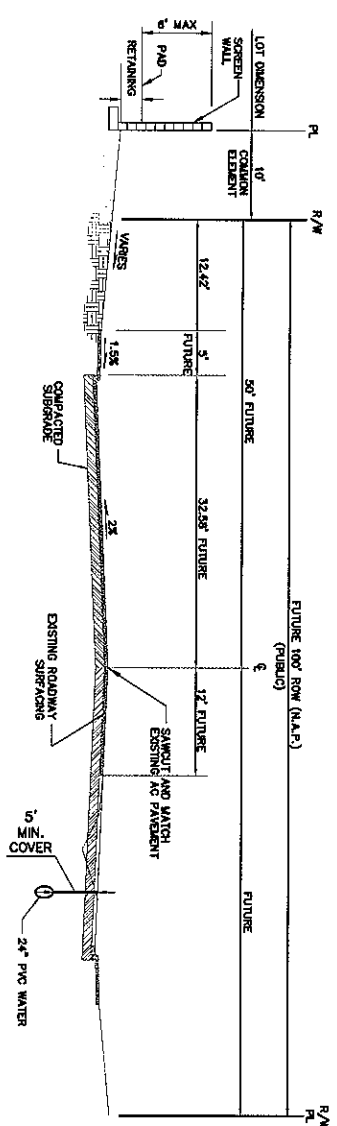
SEC COR 20/35/21 - LATITUDE 38°01'51.874"N, LONGITUDE 114°02'38.054"W (NAD 83)
HEIGHT 2662.463916 (NAVD 83)

BENCHMARK
BENCHMARK # 127 5' M.C.S.D. ELEVATION: 2662.04 (NAVD 83)
DESCRIPTION: 1/2" ALUMINUM CAP IN CONCRETE STAMP MARKING CORNER OF AZTEC ROAD & BOLSA DRIVE.

NOTE:
REFER TO M.A.G. STANDARD DWG. # 302 FOR D.I.P. JOINT RESTRAINTS



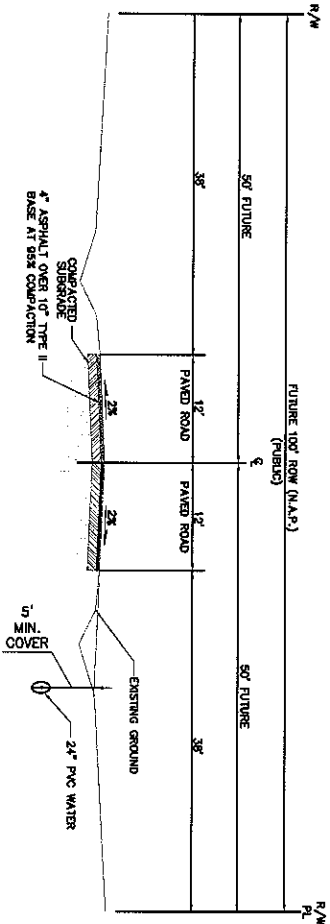
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PRELIMINARY



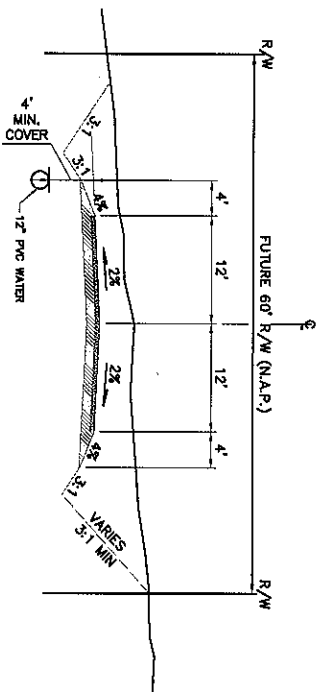
NOTE: PLAN AND PROFILE SECTIONS TO BE BASED ON
ADDITIONAL 8-WATER LINES SHOWN DURING
CONSTRUCTION OF THE ACTUAL SUBGRADE
MATERIALS AND TRAFFIC INFORMATION.

A TYPICAL 100' RIGHT-OF-WAY HALF STREET SECTION
DTT PUBLIC AZTEC ROAD
N.T.S.

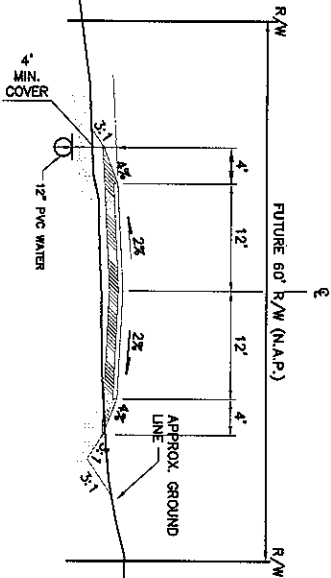
* AZTEC ROAD IMPROVEMENTS TO BE PART OF OFF-SITE
ROADWAY IMPROVEMENT PACKAGE PREPARED BY STANLEY
CONSULTANTS



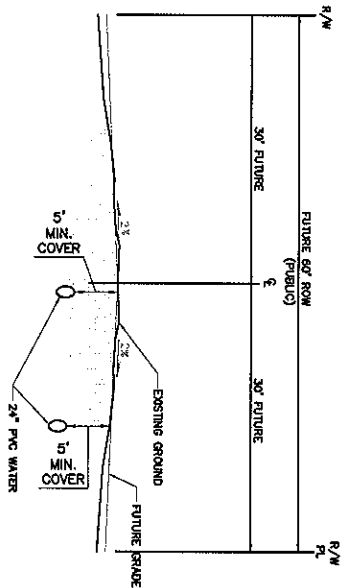
B AZTEC ROAD - ASPHALT SECTION
DTT PUBLIC STREET
N.T.S.



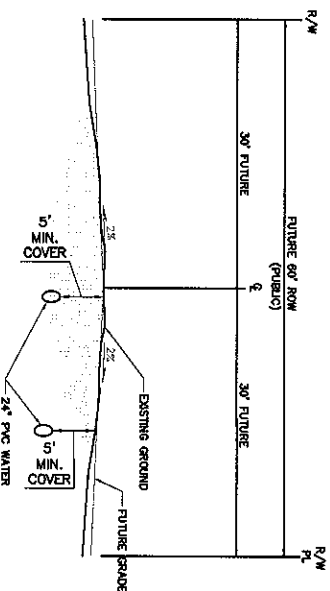
C FUTURE DORA DRIVE - ASPHALT SECTION
DTT PUBLIC STREET
N.T.S.



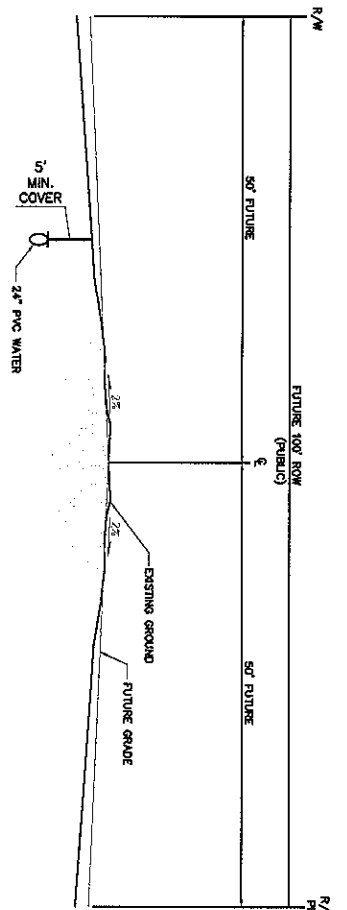
D DORA DRIVE - GRAVEL SECTION
DTT PUBLIC STREET
N.T.S.



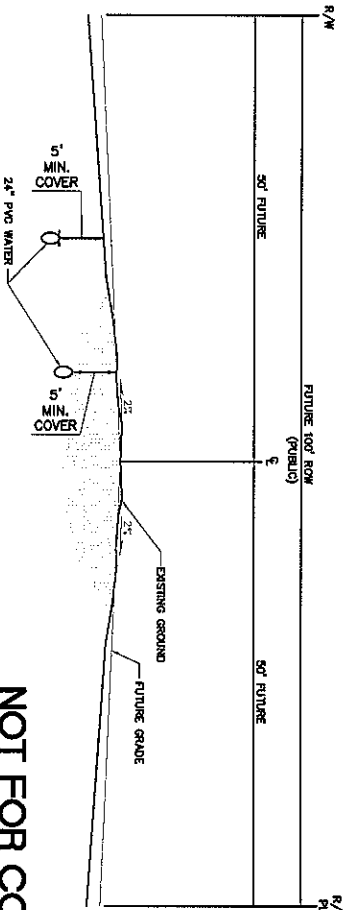
G HOPE ROAD - STREET SECTION
DTT PUBLIC STREET
N.T.S.



H NEWGARD DRIVE - STREET SECTION
DTT PUBLIC STREET
N.T.S.

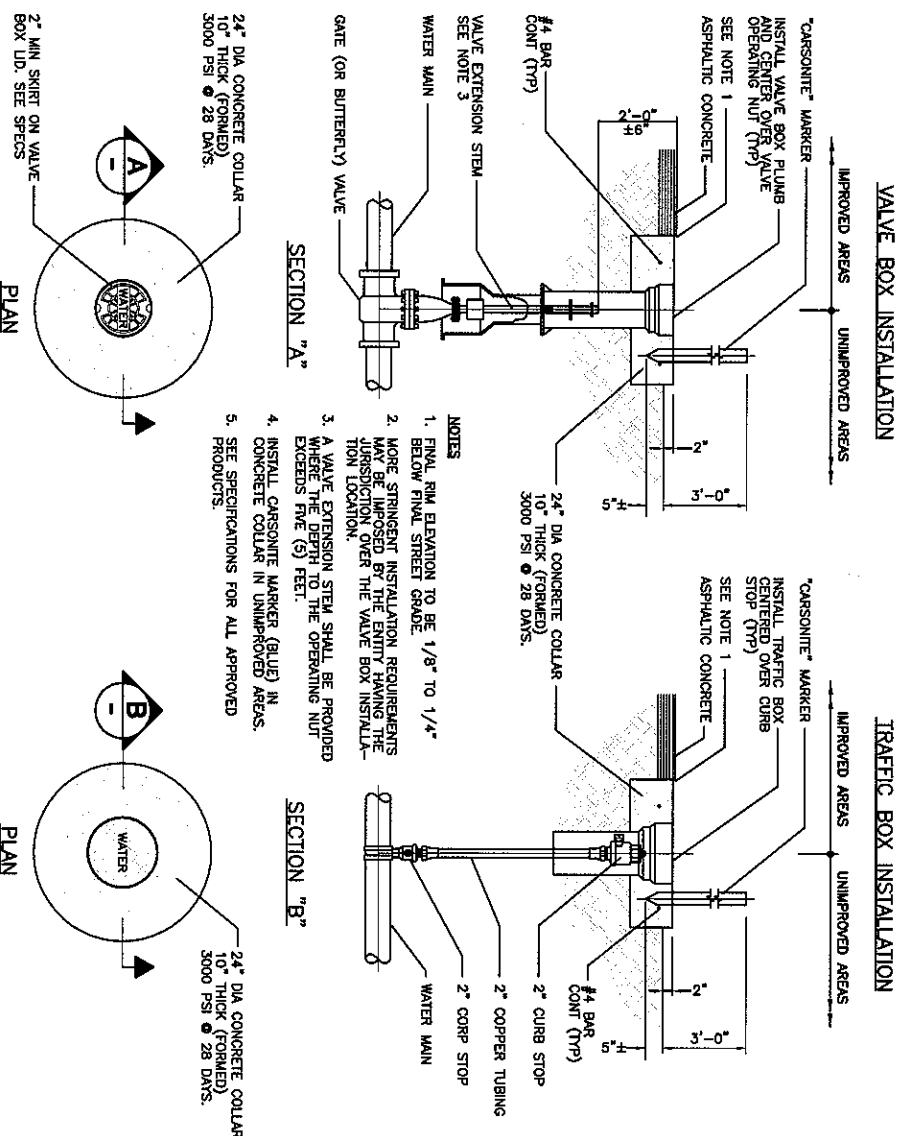


E BOLSA DRIVE - STREET SECTION
DTT PUBLIC STREET
N.T.S.



F BOLSA DRIVE - STREET SECTION
DTT PUBLIC STREET
N.T.S.

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PRELIMINARY



VALVE BOX AND TRAFFIC BOX INSTALLATION
NOT TO SCALE
(SEE MAG. STANDARD DETAIL # 391-1)



SCALE (H) 1" = 10'
SCALE (V) N.T.S.
DRAWN BY EMG
CHECKED BY DLA
DATE 11/22/05

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OFFSITE WATER TRANSMISSION LINE
STREET SECTION DETAIL

MOHAVE COUNTY ARIZONA

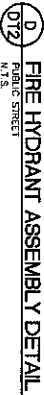
SHEET
DT-1
26 OF 31 SHEETS
SCL PROJECT #
18449.07.04

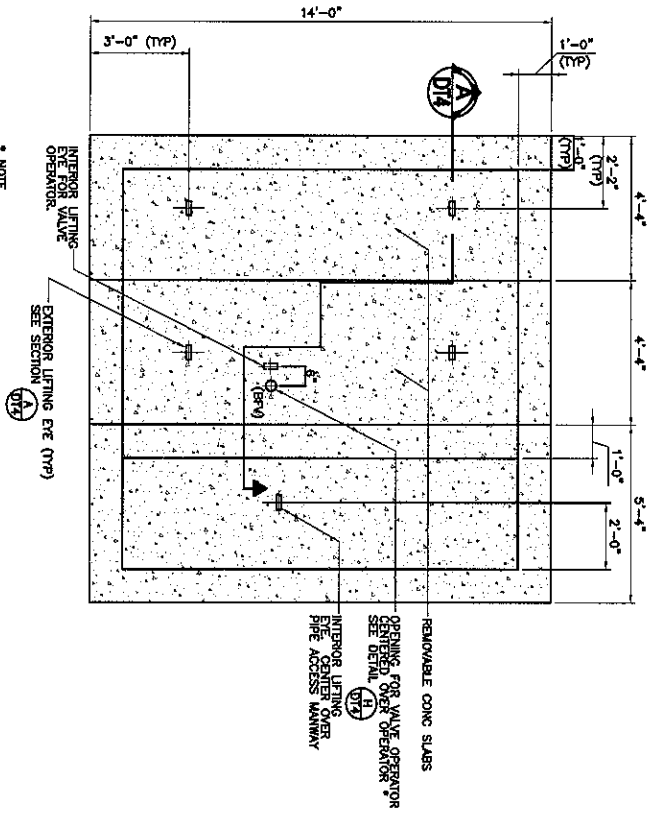
PRELIMINARY



FLEXIBLE COUPLING DETAIL -- A-P12
NOT TO SCALE

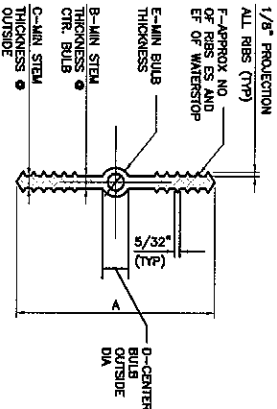
1. PROVIDE THE ROOMS WHERE FLEETABLE OCCUPANT RESTRAINTS ARE SPECIFIED AND AT ALL OTHER LOCATIONS INDICATED ON THE DRAWINGS
2. ORIENT AND SPACE THE ROOMS AS REQUIRED TO ENHANCE DISTRIBUTION OF PRESSURE





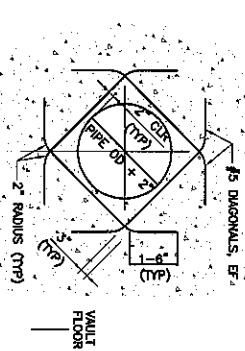
NOTE: ACTUAL LOCATION OF ROOF OPENING FOR VALVE BOX AND ACTUATOR EXTENSION SHALL BE DETERMINED BY CONTRACTOR, AS A FUNCTION OF THE DIMENSIONS AND CONFIGURATION OF THE ACTUATOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACTUATOR'S LOCATION PRIOR TO POURING CONCRETE. THE ROOF IS RATED FOR H20 DESIGN LOADS.

VALVE VAULT ROOF PLAN
NOT TO SCALE
P103-2 011201



- NOTES:
1. MATERIAL QUALITY PER SPECIFICATIONS.
 2. DIMENSION REQUIREMENTS INDICATED SHOULD BE GIVEN TO SURFACES PRIOR TO PLACING ORDERS.
 3. NON-ROUND CENTER BOLTS SHALL HAVE A MIN OUTSIDE DIMENSION OF 7".

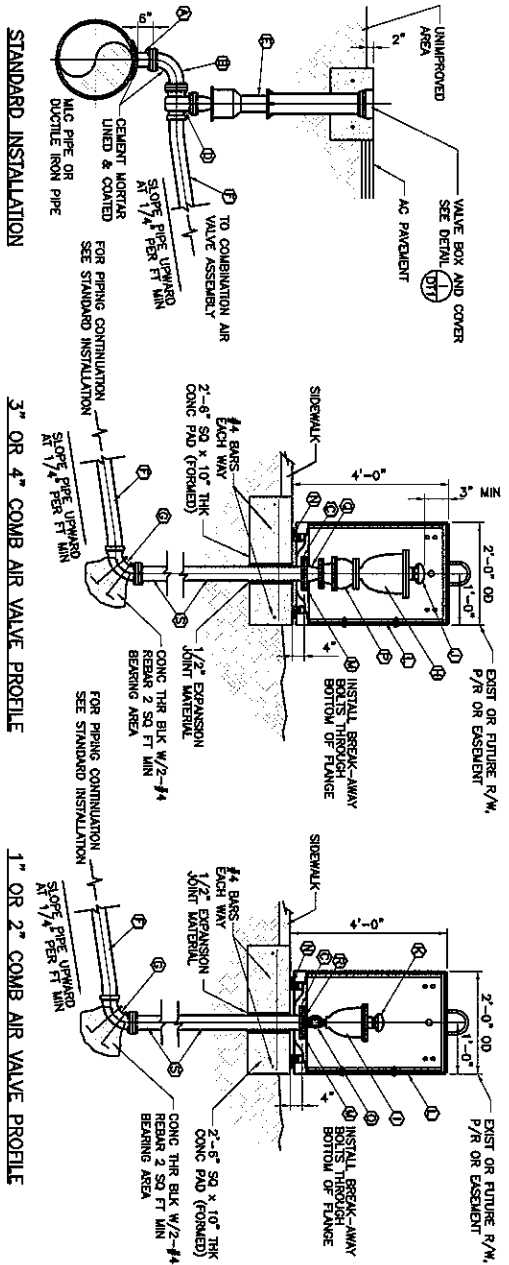
WATERSTOP DETAIL
NOT TO SCALE
P103-3 121099



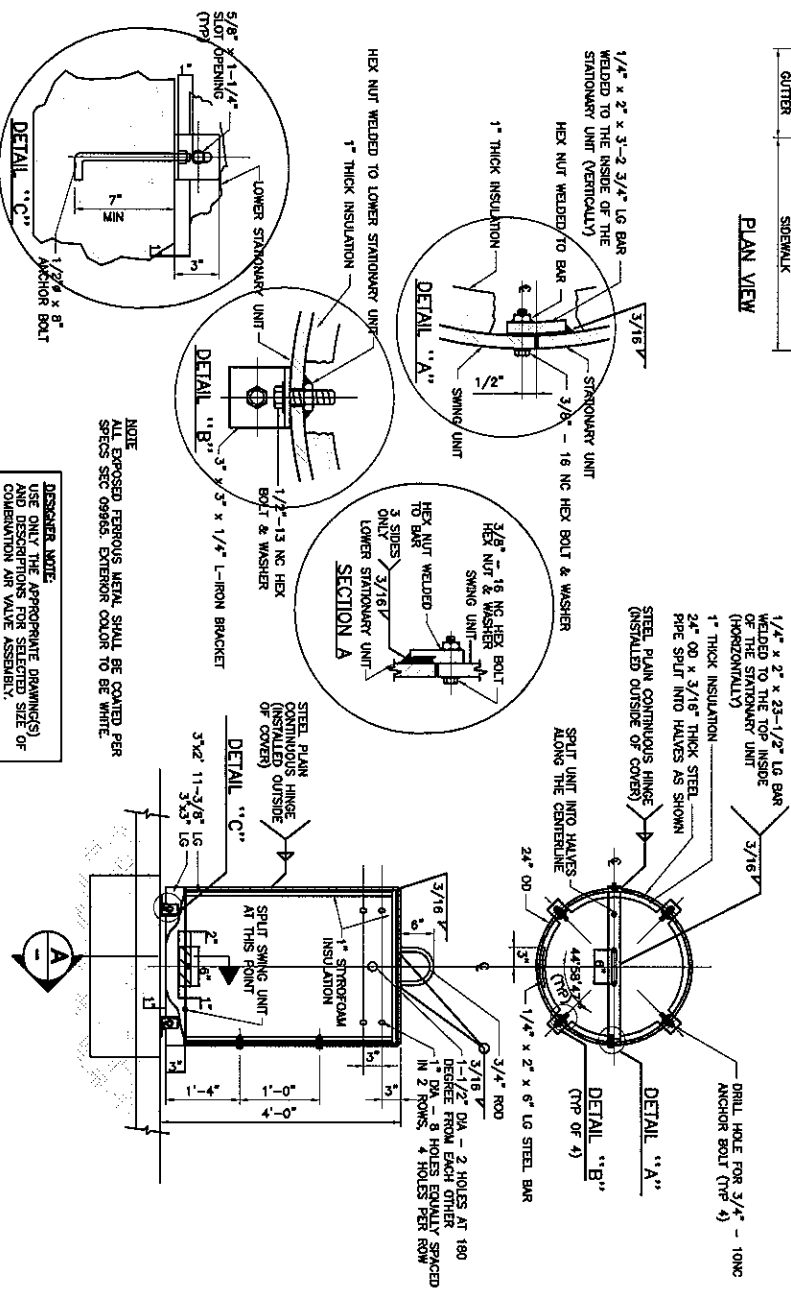
WALL OPENING - DIAGONAL REINFORCEMENT DETAIL
NOT TO SCALE
P103-4 022801

- NOTES:
1. CONCRETE FOR VAULT STRUCTURES SHALL BE 4000 PSI, UNLESS OTHERWISE SPECIFIED.
 2. PIPE OUTLET SHALL BE SHAPED TO FIT THE SPECIFIED PIPE DIAMETER.
 3. MAINTAIN A MIN CLEARANCE OF 2" OF COVER FOR REINFORCED STEEL, UNLESS OTHERWISE SPECIFIED.
 4. BACKFILL LIMITS OF VAULT EXCAVATION (INCLUDING BELOW VAULT FLOOR) WITH STABILIZED BASE, COMPACT TO 90% OF MAX DENSITY, UNLESS OTHERWISE SPECIFIED.

DETAIL NOTES
NOT TO SCALE
P103-7 022801

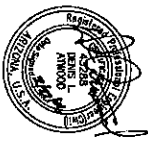


- LEGEND:
- 1. 4" FLG STL OUTLET FOR MLC SUMP. FLG TEE FOR DIP
 - 2. 4" 90° FLG DUCTILE IRON BEND
 - 3. 4" DUCTILE IRON FLANGE ADAPTOR
 - 4. 4" FLG x PO OR FLG x M/G GATE VALVE W/2" OPERATING NUT
 - 5. 4" DUCTILE IRON P2330 PIPE OR 4" PNC CL350 DR18 PIPE
 - 6. 4" 90° FLG x PO OR FLG x M/G G BEND
 - 7. 3" OR 4" COMBINATION AIR VALVE, FLANGED INLET
 - 8. 1" OR 2" COMBINATION AIR VALVE, THREADED INLET
 - 9. 3" OR 4" MUSHROOM VENT CAP
 - 10. 1" OR 2" MUSHROOM VENT CAP
 - 11. 2'-0" OD x 4'-0" HIGH STEEL COVER
 - 12. 5/8"-11NC BREAK-AWAY ZINC PLATED HEX HD BOLT, HEX NUT AND LOCKWASHER
 - 13. 1/2" x 8" CORP STOP, THREADED BOTH ENDS
 - 14. 1" OR 2" CORP STOP - QUARTER TURN - FOR 3" OR 4" COMB AIR VALVE ASSY
 - 15. 4" x 3" FLG DUCTILE IRON REDUCER - FOR 3" COMB AIR VALVE ASSY
 - 16. 4" x 2" OR 4" x 1" THREADED STL REDUCING FLANGE
 - 17. 4" DUCTILE IRON P2330 PIPE



COMBINATION AIR VALVE ASSEMBLY
FOR 1", 2", 3", AND 4" VALVES
NOT TO SCALE
P103-1 021401

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PRELIMINARY

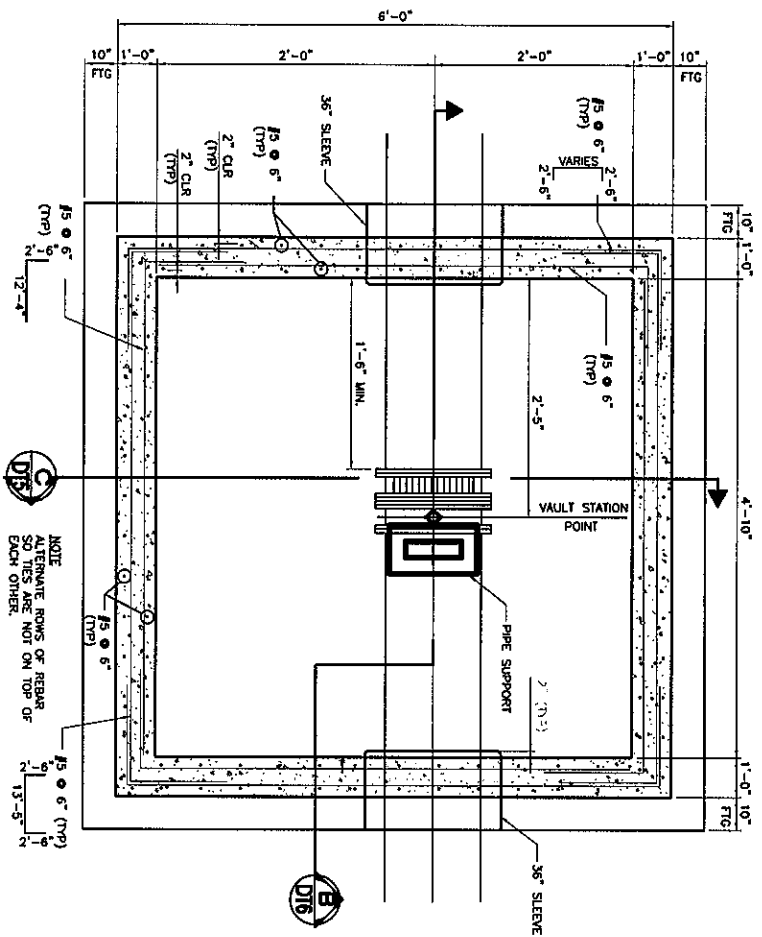


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SCALE (V) N.T.S.
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CHECKED BY DLA
DATE 11/22/05

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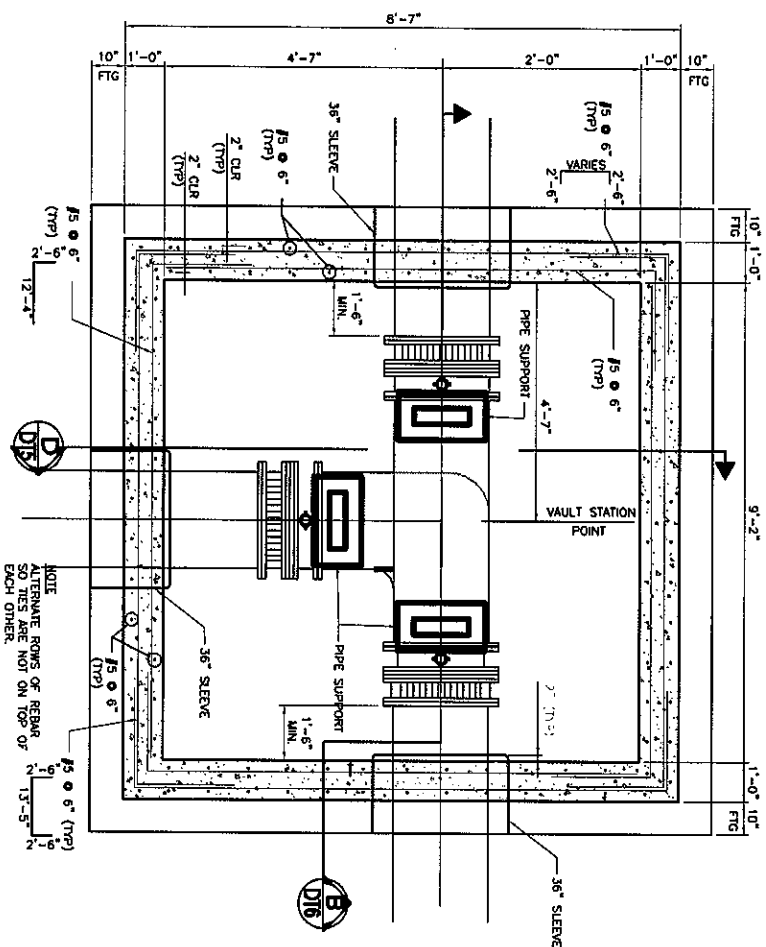
RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH
OFFSITE WATER TRANSMISSION LINE
DETAIL SECTION
MOHAVE COUNTY ARIZONA

28 OF 31 SHEETS
DT-3
SQ PROJECT# 18449.07.04



VALVE VAULT SECTIONAL PLAN
WITH (1) VALVE AND NO TEE
NOT TO SCALE

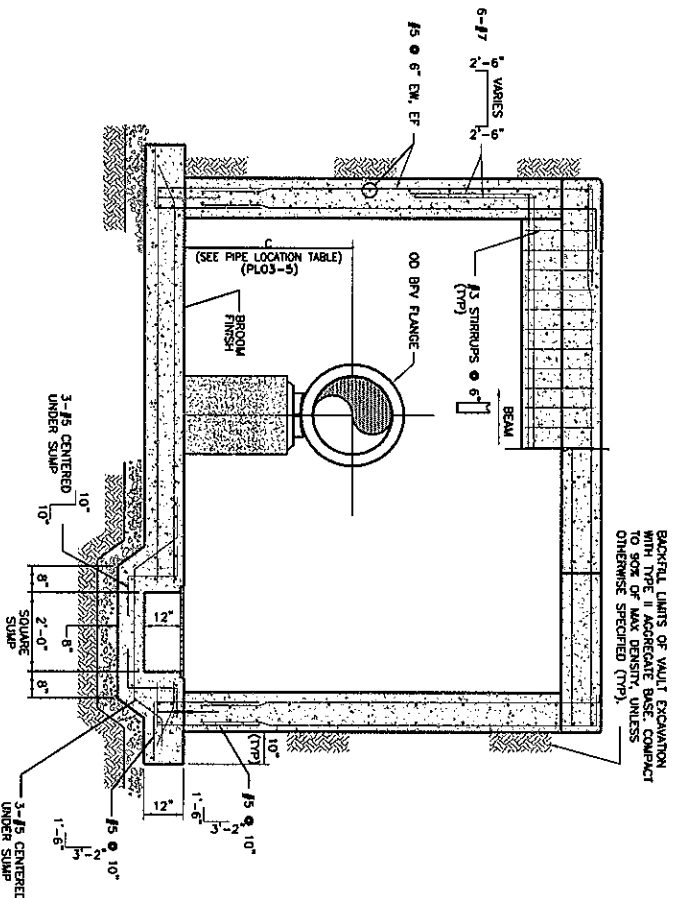
A
DTS



VALVE VAULT SECTIONAL PLAN
WITH (3) VALVE AND TEE
NOT TO SCALE

B
DTS

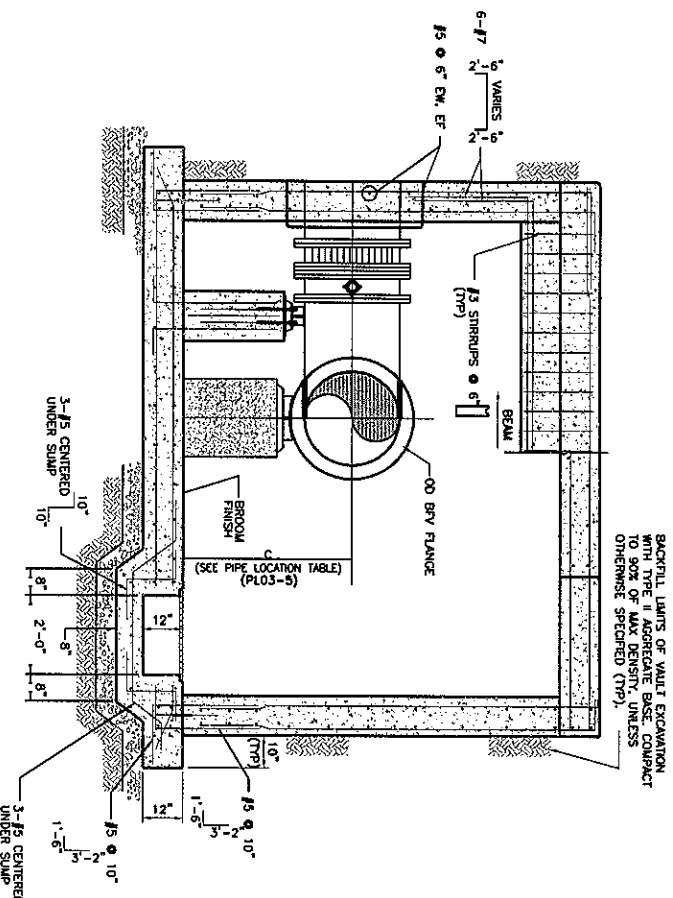
DESIGNER NOTES:
1. EACH VAULT SHOWN ON THE PRELIM PLAN SHALL BE SHOWN WITH A SECTIONAL PLAN, A MECHANICAL PIPING PLAN AND ALL OTHER REQUIRED SECTIONS AND DETAILS. THE VAULT PLANS SHALL INDICATE THE PIPE LINE STATION, THE VAULT ORIENTATION TO NORTH, THE LOCATION AND PLAN ORIENTATION OF ALL OF THE VAULT APPURTENANCES AND THE MANHOLE ACCESS COVER.
2. EACH VAULT PLAN, SECTIONS AND DETAILS SHALL INDICATE ALL LAYOUT DIMENSIONS AS DETERMINED BY THE DESIGN ENGINEER OR AS REFERENCED TO PLO3-6 AND THE "PIPE LOCATION TABLE" PLO3-5 IN THESE STANDARD DETAILS.
(DESIGNER NOTES TO BE DELETED FROM DRAWING)



VALVE VAULT SECTION
WITH (1) VALVE AND NO TEE
NOT TO SCALE

C
DTS

DESIGNER NOTES:
1. EACH VAULT SHOWN ON THE PRELIM PLAN SHALL BE SHOWN WITH A SECTIONAL PLAN, A MECHANICAL PIPING PLAN AND ALL OTHER REQUIRED SECTIONS AND DETAILS. THE VAULT PLANS SHALL INDICATE THE PIPE LINE STATION, THE VAULT ORIENTATION TO NORTH, THE LOCATION AND PLAN ORIENTATION OF ALL OF THE VAULT APPURTENANCES AND THE MANHOLE ACCESS COVER.
2. EACH VAULT PLAN, SECTIONS AND DETAILS SHALL INDICATE ALL LAYOUT DIMENSIONS AS DETERMINED BY THE DESIGN ENGINEER OR AS REFERENCED TO PLO3-6 AND THE "PIPE LOCATION TABLE" PLO3-5 IN THESE STANDARD DETAILS.
(DESIGNER NOTES TO BE DELETED FROM DRAWING)



VALVE VAULT SECTION
WITH (3) VALVE AND TEE
NOT TO SCALE

D
DTS

NOT FOR CONSTRUCTION
PRELIMINARY

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

OFFSITE WATER TRANSMISSION LINE
DETAIL SECTIN

MOHAVE COUNTY

ARIZONA



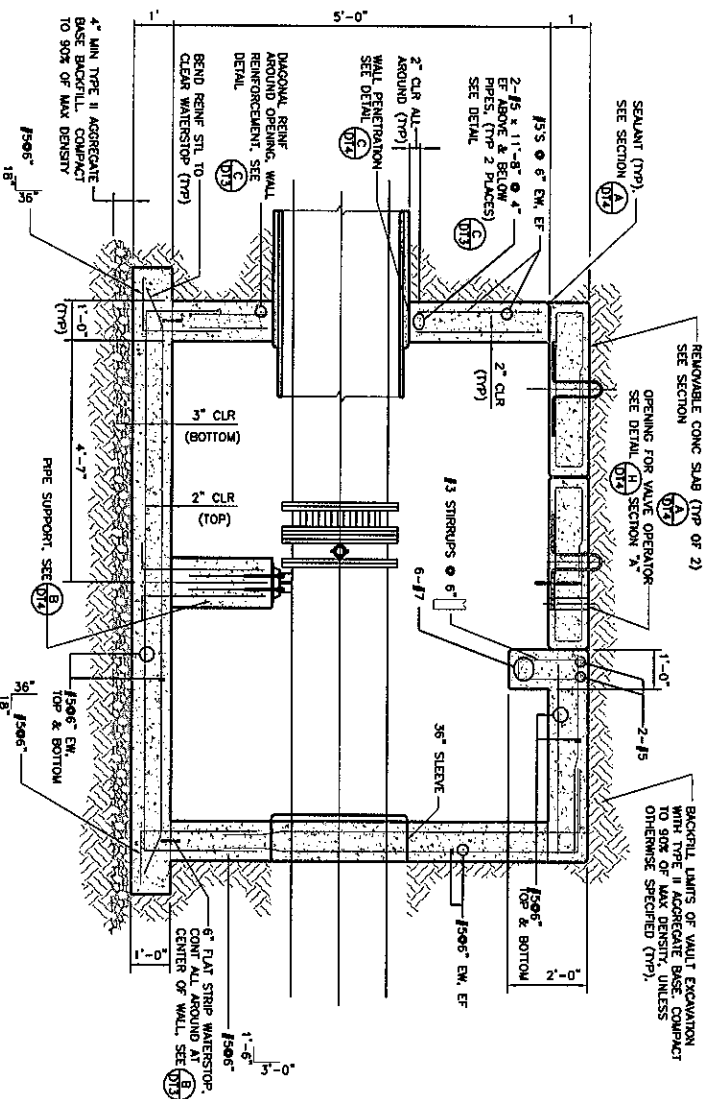
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SCALE (V) N.T.S.
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DATE 11/22/05

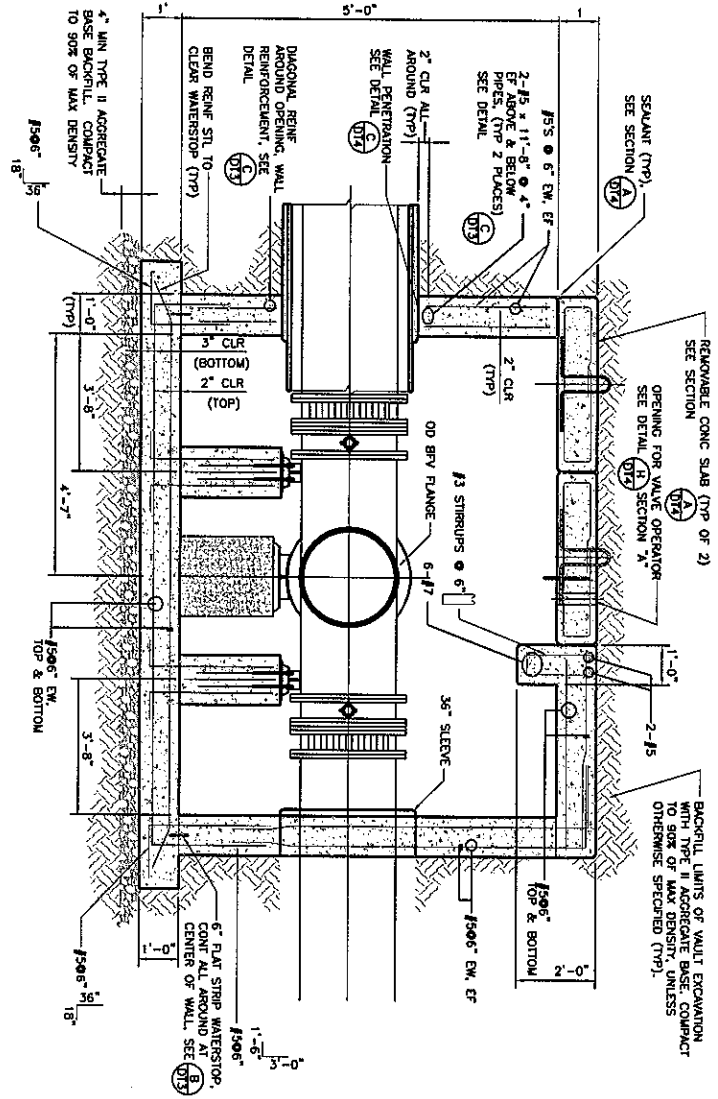
REV. NO.	DESCRIPTION	DATE	BY	APP'D





VALVE VAULT SECTION
WITH (1) VALVE AND NO TEE
NOT TO SCALE

A
DT6



VALVE VAULT SECTION
WITH (3) VALVE AND TEE
NOT TO SCALE

B
DT6

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SHEET DT-6 31 OF 31 SHEETS SG PROJECT 18449/10	RHODES HOMES ARIZONA, LLC GOLDEN VALLEY RANCH OFFSITE WATER TRANSMISSION LINE DETAIL SECTN MOHAVE COUNTY ARIZONA	 Stanley Consultants INC. 5820 S. Eastern Avenue, Suite 200 Las Vegas, Nevada 89119 (702) 369-9396 Fax (702) 369-9793 www.stanleygroup.com	SCALE (H) N.T.S.	
			SCALE (V) N.T.S.	
DRAWN BY EMG			CHECKED BY DLA	DATE 11/22/05
DATE 11/22/05				